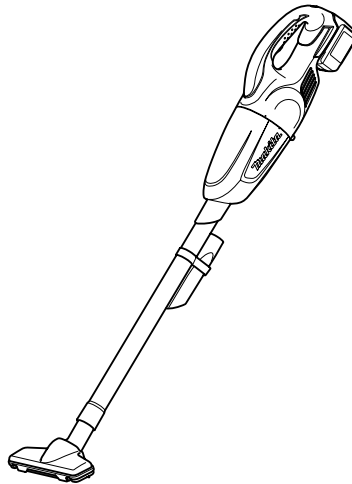




INSTRUCTION MANUAL

Cordless Cleaner

BCL140
BCL180



009983

IMPORTANT: Read Before Using.

ENGLISH (Original instructions)

SPECIFICATIONS

Model	BCL140	BCL180
Capacity	650 mL	
Continuous use	Approx. 20 min.	
Overall length	981 mm	999 mm
Net weight	1.2 kg	
Rated voltage	D.C. 14.4 V	D.C. 18 V

- Due to our continuing programme 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

END004-4

Symbols

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



- Read instruction manual.



- Only for EU countries

Do not dispose of electric equipment or battery pack together with household waste material!

In observance of European Directive 2002/96/EC on waste electric and electronic equipment, 2006/66/EC on batteries and accumulators and waste batteries and accumulators and their implementation in accordance with national laws, electric equipment and battery pack that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

ENE017-1

Intended use

The tool is intended for collecting dry dust.

ENA005-3

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 expose to rain. Store indoors.
2. Do not allow to be used as a toy. Close attention is necessary when used by or near children.

3. Use only as described in this manual. Use only manufacturer's recommended attachments.
4. 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.
5. Do not handle appliance with wet hands.
6. 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.
7. Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts.
8. Turn off all controls before removing the battery.
9. Use extra care when cleaning on stairs.
10. Do not use to pick up flammable or combustible liquids, such as gasoline, or use in areas where they may be present.
11. Use only the charger supplied by the manufacturer to recharge.
12. Do not pick up anything that is burning or smoking, such as cigarettes, matches, or hot ashes.
13. Do not use without filters in place.
14. Do not charge the battery outdoors.
15. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
16. Children should be supervised to ensure that they do not play with the appliance.

SAVE THESE INSTRUCTIONS.

This appliance is intended for household use.

ADDITIONAL SAFETY RULES

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
 - 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.

ENC007-7

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 battery cartridge.
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 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. Be careful not to drop or strike battery.
9. Do not use a damaged battery.

SAVE THESE INSTRUCTIONS.

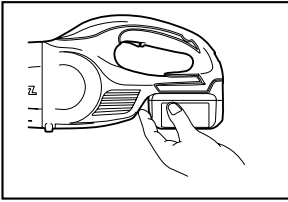
Tips for maintaining maximum battery life

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. Charge the battery cartridge once in every six months if you do not use it for a long period of time.

FUNCTIONAL DESCRIPTION

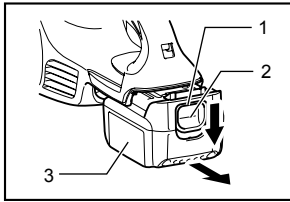
⚠ CAUTION:

- Always be sure that the tool is switched off and the battery cartridge is removed before adjusting or checking function on the tool.
- Take care not to trap finger(s) between cleaner and battery as shown in diagram when loading battery. Trapping finger(s) may cause injury.



009984

Installing or removing battery cartridge

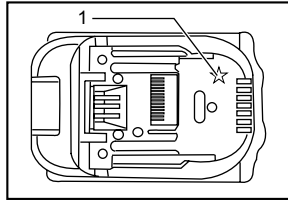


1. Red indicator
2. Button
3. Battery cartridge

012129

- Always switch off the tool before installing or removing of the battery cartridge.
- To remove the battery cartridge, slide it from the tool while sliding the button on the front of the cartridge.
- To install the battery cartridge, align the tongue on the battery cartridge with the groove in the housing and slip it into place. Always insert it all the way until it locks in place with a little click. If you can see the red indicator on the upper side of the button, it is not locked completely. Install it fully until the red indicator cannot be seen. If not, it may accidentally fall out of the tool, causing injury to you or someone around you.
- Do not use force when installing the battery cartridge. If the cartridge does not slide in easily, it is not being inserted correctly.

Battery protection system (Lithium-ion battery with star marking)



1. Star marking

012128

Lithium-ion batteries with a star marking are equipped with a protection system. This system automatically cuts off power to the tool to extend battery life.

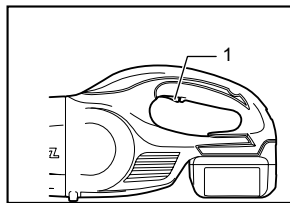
The tool will automatically stop during operation if the tool and/or battery are placed under one of the following conditions:

- **Overloaded:**

The tool is operated in a manner that causes it to draw an abnormally high current. In this situation, release the trigger switch on the tool and stop the application that caused the tool to become overloaded. Then pull the trigger switch again to restart. If the tool does not start, the battery is overheated. In this situation, let the battery cool before pulling the trigger switch again.
- **Low battery voltage:**

The remaining battery capacity is too low and the tool will not operate. In this situation, remove and recharge the battery.

Switch action



1. Switch trigger

009986

⚠ CAUTION:

- Before inserting the battery cartridge into 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.

ASSEMBLY

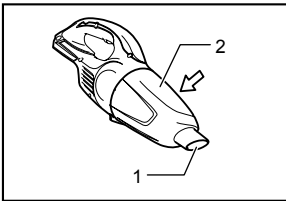
⚠ CAUTION:

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

Disposing of Dust

⚠ CAUTION:

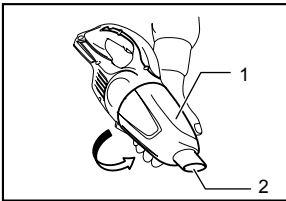
- Empty the cleaner before it becomes too full, or the suction force weakens.
- Be sure to empty out the dust inside the cleaner itself. Failure to do so may cause the filter to be clogged or the motor to be damaged.



009992

In order to drop dust sticking on the filter in the capsule, tap the capsule 4 or 5 times with your hand.

- Suction inlet
- Capsule



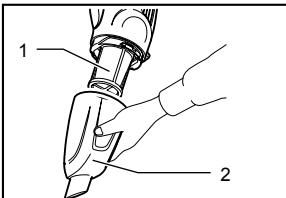
009993

Now point suction inlet downwards, turn capsule in direction of arrow in diagram, and disconnect capsule slowly and straight.

- Capsule
- Suction inlet

NOTE:

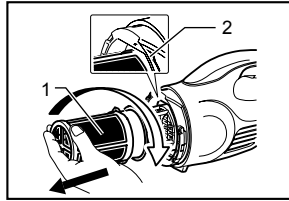
- Dust may spill out when capsule is opened, so be sure to set a garbage bag beneath capsule.



009994

- Prefilter
- Capsule

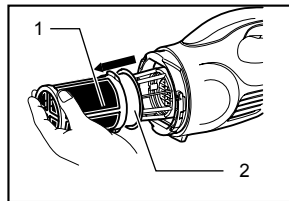
Remove accumulated dust from inside of capsule and off of prefilter.



009995

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

- Prefilter
- Securing lip

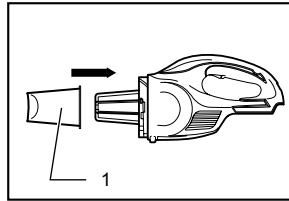


009996

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

- Prefilter
- Filter

Reassembly



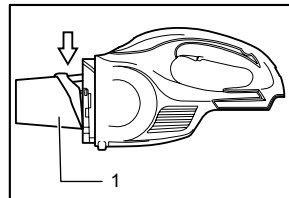
009997

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

- Prefilter

NOTE:

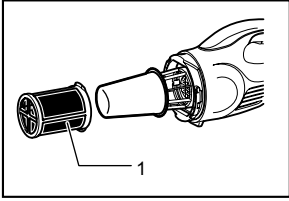
- Make sure filter is put on straight without being peeled back. If filter is put on incorrectly as shown in diagram, dust will get into motor housing, and cause motor failure.



010005

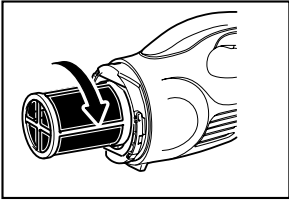
- Filter

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



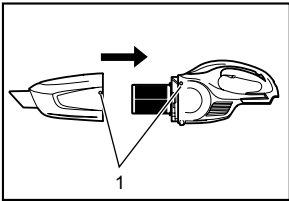
009999

1. Prefilter



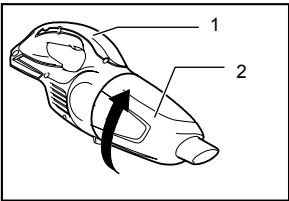
010000

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



010001

1. Mark

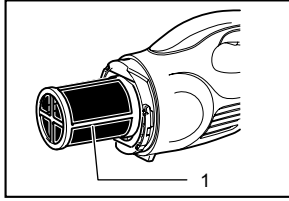


010002

1. Handle
2. Capsule

Problem Examples

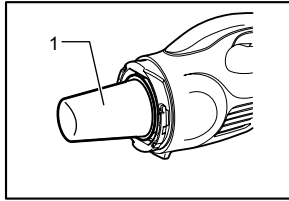
Example 1: Only prefilter has been loaded (no filter)



010003

1. Prefilter

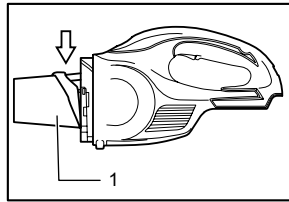
Example 2: Only filter has been loaded (no prefilter)



010004

1. Filter

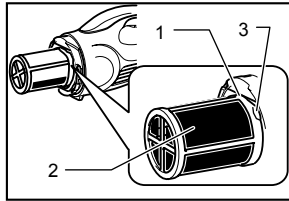
Example 3: Filter has been loaded in a peeled back state



010005

1. Filter

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



010006

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

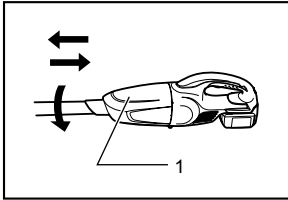
NOTE:

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

OPERATION

⚠ CAUTION:

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



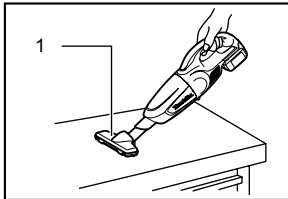
009987

1. Capsule

Cleaning (Suction)

Nozzle

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

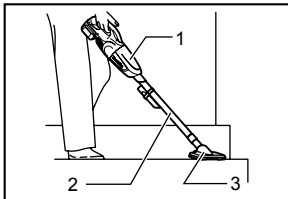


009988

1. Nozzle

Nozzle + Extension wand (Straight pipe)

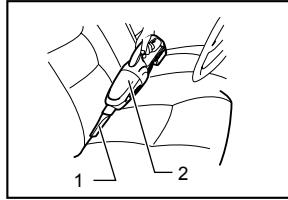
The extension wand fits in between the nozzle and the cleaner itself. This arrangement is convenient for cleaning a floor while standing erect.



009989

Corner nozzle

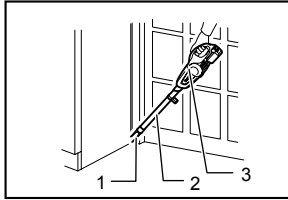
Fit on the corner nozzle for cleaning corners and crevices of a car or furniture.



009990

Corner nozzle + Extension wand (Straight pipe)

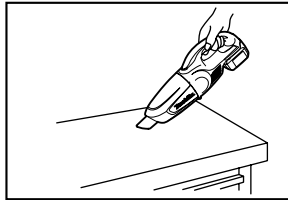
In tight quarters where the cleaner itself cannot squeeze in, or in high places hard to reach, use this arrangement.



009991

Cleaning without nozzle

You can pick up powder and dust without nozzle.



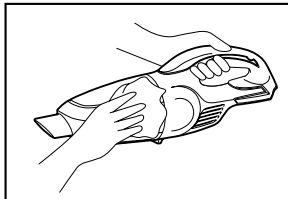
010052

MAINTENANCE

⚠ CAUTION:

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

Cleaning



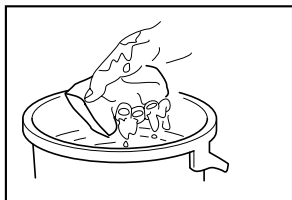
010008

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/dust pack mounting area and the dust stopper.

⚠CAUTION:

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



010009

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

Do not blow dust sticking on the cleaner by air duster. It brings dust into the housing and causes failure.

Things to Check Before Asking for Repairs

Symptom	Area to be investigated	Fixing method
Weak suction power	<ul style="list-style-type: none"> • Is capsule full of dust? • Is filter clogged? • Is battery exhausted? 	<ul style="list-style-type: none"> • Empty dust from capsule. • Dust down or wash filter. • Recharge battery.
Not working	<ul style="list-style-type: none"> • Is battery exhausted? 	<ul style="list-style-type: none"> • Recharge battery.

010051

NOTE:

• Do not attempt to repair cleaner by yourself. 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.

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
- Various type of Makita genuine batteries and chargers

NOTE:

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

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