

User Manual of Product 1:

Ryobi RB18L50 ONE+ Lithium+ 5.0Ah Battery, 18 V

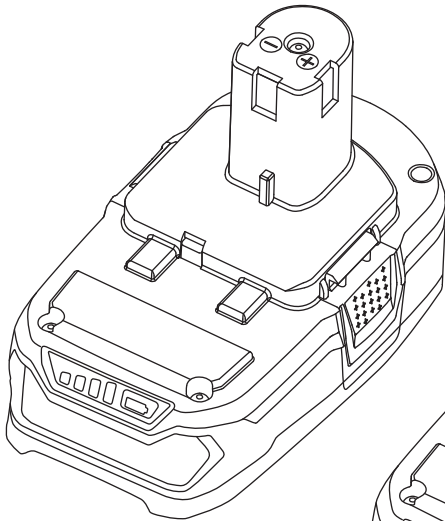
User Manual of Product 2:

Ryobi OBL1820S ONE+ Cordless Blower, Air Speed (Zero Tool), 245 km/h, 18 V, Hyper Green and Grey

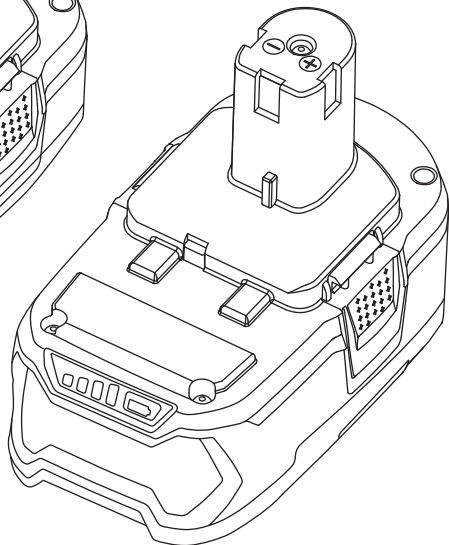
RYOBI®

RB18L15/RB18L40

18V LITHIUM-ION BATTERY PACK ORIGINAL INSTRUCTIONS



RB18L15



RB18L40

DESCRIPTION

1. Latches
2. Charge level indicator
3. Charge level indicator button

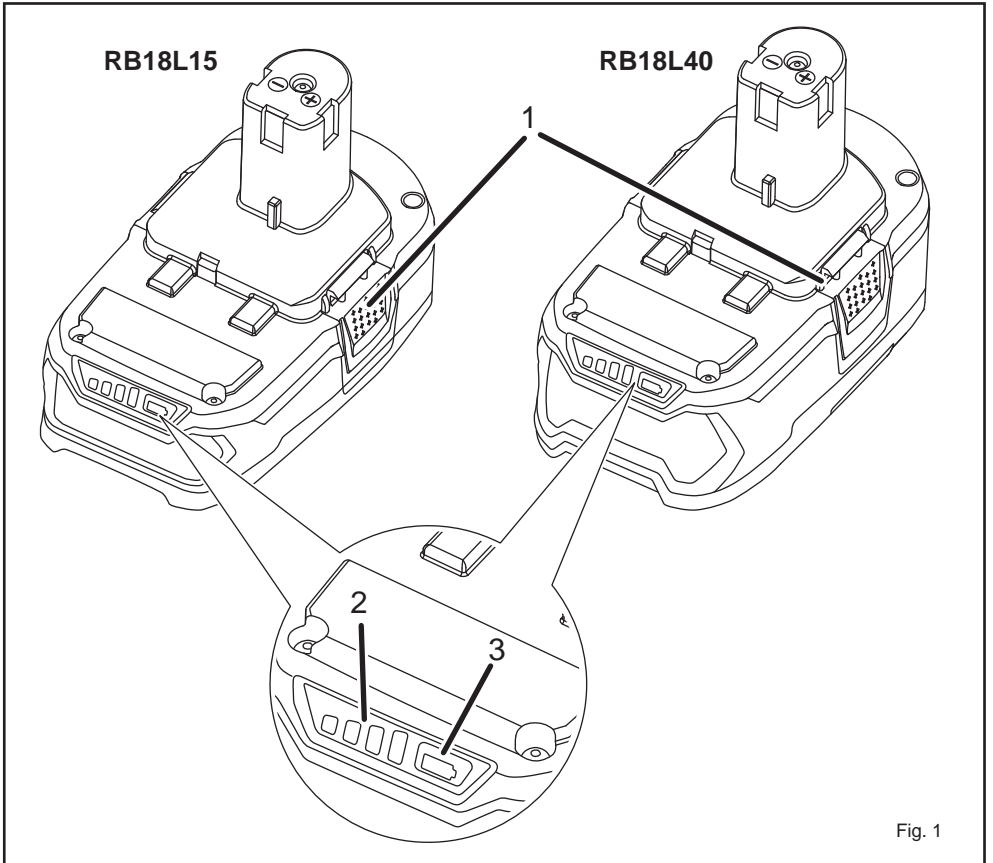


Fig. 1

Important!

It is essential that you read the instructions in this manual before operating this machine.

Subject to technical modifications.

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery operated (cordless) power tool.

SAFETY INSTRUCTIONS

The product 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 product by a person responsible for their safety. Children should be supervised to ensure that they do not play with the product.

Please read and observe these instructions before using the product.

- When battery pack is not in use, keep it away from other metal objects such as 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 sparks, burns or fire.
- Do not place battery tools or their batteries near fire or heat. This will reduce the risk of explosion and possible injury.
- Do not crush, drop or damage battery pack. Do not use a battery pack or charger that has been dropped or received a sharp blow. A damaged battery is subject to explosion. Properly dispose of a dropped or damaged battery immediately.
- Batteries can explode in the presence of a source of ignition, such as a pilot light. To reduce the risk of serious personal injury, never use any cordless product in the presence of open flame. An exploded battery can propel debris and chemicals. If exposed, flush with water immediately.
- Do not charge battery tool in a damp or wet location. Following this rule will reduce the risk of electric shock.
- For best results, charge the battery tool in a location where the temperature is more than 10°C but less than 37°C. To reduce the risk of serious personal injury, do not store outside or in vehicles.
- Under extreme usage or temperature conditions, battery leakage may occur. If liquid comes in contact with the skin, wash immediately with soap and water, then neutralize with lemon juice or vinegar. If liquid gets into the eyes, flush them with clean water for at least 10 minutes, then seek immediate medical attention. Following this rule will reduce the risk of serious personal injury.

OPERATION

Use the battery pack for Ryobi One+ 18V cordless products only.

BATTERY PROTECTION FEATURES

Ryobi One+ 18V lithium-ion battery packs are designed with features that monitor and protect the lithium-ion cells (active, standby, shut off and sleep modes) and maximize battery life.

- The tool may stop during use to prevent overheating or overloading of the battery (active mode). In this case, release the trigger to reset and resume operation.
- If this does not reactivate the tool, the battery is completely discharged (stand-by or sleep mode) and needs to be charged in a compatible charger.
- The battery can be recharged in stand-by or sleep mode. It is not necessary to completely discharge the battery pack before recharging.

NOTE: A completely discharged battery (sleep mode) needs reactivation before the charging process begins. To reactivate a battery in sleep mode, place the battery in the charger and wait for 90 seconds. If the charging process does not begin, please remove the battery and wait for 30 seconds. Then start a second attempt to re-activate the battery by placing it in the charger. If the charging process does not begin after 3 attempts, the battery may be faulty. In this case, have the battery serviced by a qualified repair person using only identical replacement parts.

NOTE: The LED charge indicator light will not work if the battery protection feature has caused the battery pack to stop powering the tool (sleep mode). When the charger resets the battery pack, the LED will again function.

- The One+ 18V lithium-ion battery packs are equipped with an additional SHUT-OFF mode, minimizing self-discharge of the battery while the battery is not in use. It will be reactivated automatically when used with a tool or by pressing the LED gauge.

NOTE: In SHUT-OFF mode, the battery will show low voltage when tested with a volt-meter. Use the battery in a tool or press the LED gauge for read-out of the actual voltage.

COLD WEATHER OPERATION

The lithium-ion battery pack can be used in temperatures down to -10°C. Put the battery pack on a tool and use the tool in light duty application. After a while, the battery pack will warm up and begin operating normally.

CHARGING THE BATTERY PACK

Battery packs are shipped in a low charge condition to prevent possible problems. Therefore, they should be charged prior to first use.

NOTE: If the charger does not charge the battery pack

under normal circumstances, return both the battery pack and charger to the nearest Ryobi authorised service centre for electrical check.

Battery pack	Compatible charger (not included)
RB18L15	BCL-1418
RB18L40	BCL14181H
RB18LL40	BCL14183H
	BCL1418IV*
	BCS-618
	BCL1800
	BCS618G

* for vehicles' 12V DC outlets

WARNING

Only charge in compatible 18V chargers. Use of other chargers may result in fire, damage or serious personal injury.

- Press down on the battery pack to ensure contacts on the battery pack engage properly with the contacts in the charger.
- Connect the charger to the power supply. Make sure it is the required power supply.
- Make sure the latches on each side of the battery pack snap into place and the battery pack is secured in the charger before beginning operation.
- Place the battery pack in the charger aligning raised rib on the battery pack with the groove in the charger.
- The battery pack will become slightly warm to the touch while charging. This is normal and does not indicate a problem.

NOTE: Do not place the charger and battery pack in an area of extreme heat or cold. They will work best at normal room temperature.

- Place charger on hard surface not soft (carpet, etc.), when charging batteries.
- When batteries become fully charged, unplug the charger from power supply and remove the battery pack.
- To remove battery pack from the charger, depress the latches on each side of the battery pack.
- After normal usage, a minimum of 1 hour charging time is required to fully recharge the battery pack.

CHARGING A HOT BATTERY PACK

When using a tool continuously, the battery pack will become hot. A hot battery pack should be let to cool before

attempting to recharge. When a hot battery pack is placed on the charger, the charger may indicate the battery pack is not ready to charge. When the battery pack cools, the charger will automatically begin charging.






CHARGING A COOL BATTERY PACK

If the battery is below normal temperature range, the red LED will begin flashing and the green LED will be off. When the battery warms to a temperature of more than 0°C, the charger will automatically begin charge mode.

CHARGE STATUS

See Fig. 1.

To display the amount of charge left in the battery, press the Charge level indicator button.

Charge level indicator	Amount of charge left
	0-10%
	10-25%
	25-50%
	50-75%
	75-100%

MAINTENANCE

The batteries have been designed to provide maximum trouble-free life. However, like all batteries, they will eventually wear out. **DO NOT** disassemble battery pack and attempt to replace the batteries. Handling of these batteries, especially when wearing rings and jewellery, could result in serious burns.

To obtain the longest possible battery life, remove the battery pack from the charger once it is fully charged and ready for use.

STORAGE

For battery storage longer than 30 days:

- Store the battery pack where the temperature is below 27°C.

- Store battery packs in a "charged" condition (minimum of 30%-50% charged).
- To charge the battery pack after a six months storage period, it is recommended to discharge the battery about 10%-20% (by running it in a tool) and charge afterwards to maximize the battery lifetime.

ENVIRONMENTAL PROTECTION



Recycle raw materials instead of disposing as waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

⚠ WARNING

Upon removal, cover the battery pack's terminals with heavy-duty adhesive tape. Do not attempt to destroy or disassemble battery pack or remove any of its components. Batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

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RYOBI®

ORIGINAL INSTRUCTIONS

Cordless Blower

RBL1851S
OBL1820S



Important!

It is essential that you read the instructions in this manual before assembling, operating, and maintaining the product.

Subject to technical modification.

Safety, performance, and dependability have been given top priority in the design of your cordless blower.

INTENDED USE

The cordless blower is only intended for use outdoors in dry and well-illuminated conditions.

The product is not intended to be used by children or persons with reduced physical, mental, or sensory capabilities.

The product is designed for blowing light debris, such as leaves, grass, and other garden refuse.

Do not use the product for any other purpose.

GENERAL SAFETY WARNINGS

WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire, and/or serious injury. Save all warnings and instructions for future reference.

WARNING

Never allow children or people unfamiliar with these instructions to use the product. Local regulations may restrict the age of the operator.

TRAINING

- Read the instructions carefully. Be familiar with the controls and the correct use of the product.
- Keep in mind that the operator or user is responsible for accidents or hazards occurring to other people or their property.
- Never use the product when you are tired, ill, or under the influence of alcohol, drugs, or medicine.

PREPARATION

- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice.
- Wear hearing protection at all times while operating the product. The product is noisy, and permanent hearing injury may result if precautions to limit your exposure, reduce noise, and wear hearing protection are not strictly adhered to.
- Wear full eye protection at all times while operating the product. The manufacturer strongly suggests a full face mask or fully enclosed goggles. Normal spectacles or sunglasses are not adequate protection. Objects can be thrown at high speed by the powerful air jet at any time and may rebound from hard surfaces toward the operator.
- While operating the product, always wear substantial footwear and long trousers. Do not operate the product when barefoot or wearing open sandals. Avoid wearing clothing with loose fitting or that has hanging cords or ties.
- Do not wear loose clothing or jewellery that can be

drawn into the air inlet. Secure long hair so it is above shoulder level to prevent entanglement in moving parts.

- Before each use, ensure that all controls and safety devices function correctly. Do not use the product if the off switch does not stop the product.
- Operate the product in a recommended position and only on a firm and level surface.
- Do not operate the product on a paved or gravel surface where ejected material could cause injury.
- Before each use, always inspect the housing for damage. Ensure that guards and handles are in place and properly secured. Replace worn or damaged components in sets to preserve balance. Replace damaged or unreadable labels.
- Never operate the product while people, especially children, or pets are nearby.
- Keep all cooling air inlets clear of debris.
- Use rakes and brooms to loosen debris before blowing.
- Clear the work area before each use. Remove all objects such as rocks, broken glass, nails, wire, or string that can be blown a considerable distance by high velocity air.

BATTERY TOOL USE AND CARE

- 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.
- Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire
- 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 pack terminals together may cause burns or a fire.
- Under abusive conditions, liquid may be ejected from the battery pack; avoid contact. If contact accidentally occurs, flush with water. If liquid contacts eyes, additionally seek medical help. Liquid ejected from the battery pack may cause irritation or burns.
- 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.
- Do not expose a battery pack or tool to fire or excessive temperatures. Exposure to fire or excessive temperature above 130°C may cause explosion.
- 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.

OPERATION

- Operate the product only at reasonable hours – not early in the morning or late at night when people might be disturbed.
- Never operate the product in an explosive atmosphere.
- Avoid using the product in bad weather conditions

especially when there is a risk of lightning.

- Do not operate in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Operating similar tools nearby increases both the risk of hearing injury and the potential for other persons to enter your working area.
- Always be sure of your footing on slopes. Walk, never run.
- Keep proper footing and balance. Do not overreach. Overreaching can result in loss of balance.
- Never use the product with defective guards or shields, or without safety devices in place.
- Do not modify the product in any way or use parts and accessories that are not recommended by the manufacturer.

WARNING

If the product is dropped, suffers heavy impact, or begins to vibrate abnormally, immediately stop the product and inspect for damage or identify the cause of the vibration. Any damage should be properly repaired or replaced by an authorised service centre.

- To reduce the risk of injury associated with contacting rotating parts, always stop the product and remove the battery pack. Make sure all moving parts have come to a complete stop before:
 - leaving the product unattended
 - clearing blockages
 - checking, cleaning, or working on the product
 - inspecting the product after striking a foreign object
- Immediately switch off and remove the battery pack in the event of accident or breakdown. Do not operate the product again until it has been fully checked by an authorised service centre.

BLOWER SAFETY WARNINGS

- Wear a face filter mask in dusty conditions to reduce the risk of injury associated with the inhalation of dust.
- Slightly dampen surfaces in dusty conditions.
- Do not use the product near open windows.
- Use the full blower nozzle extension so that the air stream can work close to the ground and perform effectively.
- Do not point the blower nozzle in the direction of people or pets.
- Never place objects inside the blower tubes.
- Do not place the product on top of or near loose debris. Debris can be sucked into the intake vent, resulting in possible damage to the product.
- Do not place the product on top of or near loose debris. Debris can be sucked into the intake vent, resulting in possible damage to the product.

TRANSPORTATION AND STORAGE

- Stop the product, remove the battery pack, and allow it to cool down before storing or transporting.
- Clean all foreign materials from the product. Store the product in a cool, dry, and well-ventilated place that is inaccessible to children. Keep away from corrosive agents, such as garden chemicals and de-icing salts. Do not store outdoors.
- For transportation in a vehicle, secure the product against movement or falling to prevent injury to persons or damage to the product.

TRANSPORTING LITHIUM BATTERIES

Transport the battery pack in accordance with local and national provisions and regulations.

Follow all special requirements on packaging and labelling when transporting batteries by a third party. Ensure that no batteries can come in contact with other batteries or conductive materials while in transport by protecting exposed connectors with insulating, non-conductive caps or tape. Do not transport battery packs that are cracked or leaking. Check with the forwarding company for further advice.

MAINTENANCE

WARNING

Use only original manufacturer's replacement parts, accessories, and attachments. Failure to do so can cause possible injury and poor performance, and may void your warranty.

WARNING

Servicing requires extreme care and knowledge and should be performed only by a qualified service technician. For service, bring the product to an authorised service centre. When servicing, use only original replacement parts.

- Do not make adjustments and repairs not described in this manual. For other repairs, contact an authorised service centre.
- After each use, clean the product with a soft, dry cloth.
- Check all nuts, bolts, and screws at frequent intervals for proper tightness to ensure that the product is in safe working condition. Any part that is damaged should be properly repaired or replaced by an authorised service centre.
- Bring the product to an authorised service centre to replace damaged or unreadable labels.

Clearing a blockage

- To reduce the risk of injury associated with contacting rotating parts, always stop the product, remove the battery pack, and make sure all moving parts have come to a complete stop.
- Remove the blower tubes to inspect for blockage. Clear

the tubes if required.

- Re-install the blower tubes before starting the product.

RESIDUAL RISK

Even when the product is used as prescribed, it is still impossible to completely eliminate certain residual risk factors. The following hazards may arise in use, and the operator should pay special attention to avoid the following:

- Injury caused by vibration
 - Always use the right tool for the job, use designated handles and use the lowest speed necessary to achieve the task.
- Hearing injury caused by exposure to noise
 - Wear ear protection and limit exposure.
- Injury from flying objects from the blower tube airflow
 - Wear eye protection at all times.

RISK REDUCTION

It has been reported that vibrations from handheld tools may contribute to a condition called Raynaud's Syndrome. Symptoms may include tingling, numbness, and blanching of the fingers, usually apparent upon exposure to cold. Hereditary factors, exposure to cold and dampness, diet, smoking, and work practices are all thought to contribute to the development of these symptoms. There are measures that can be taken by the operator to possibly reduce the effects of vibration:

- Keep your body warm in cold weather. When operating the product, wear gloves to keep the hands and wrists warm.
- After each period of operation, exercise to increase blood circulation.
- Take frequent work breaks. Limit the amount of exposure per day.

If you experience any of the symptoms of this condition, immediately discontinue use and see your physician.

⚠ WARNING

Injuries may be caused or aggravated by prolonged use of a tool. When using any tool for prolonged periods, ensure you take regular breaks.

SYMBOLS ON THE PRODUCT



Safety alert



Read and understand all instructions before operating the product, follow all warnings and safety instructions.



Beware of thrown or flying objects. Keep all bystanders, especially children and pets, at least 15 m away from the operating area.



Rotating fans. Keep hands and feet out of openings while the product is running.



Remove the battery pack before starting any work on the product.



Wear ear protection.



Wear eye protection.



Do not expose to rain or damp condition.



A-weighted sound pressure level at the operator position is 80 dB. The guaranteed sound power level shown on this label is 94 dB.



Regulatory Compliance Mark (RCM). This product meets applicable regulatory requirements.



Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

SYMBOLS IN THIS MANUAL



Note



Warning

The following signal words and meanings are intended to explain the levels of risk associated with this product.

⚠ DANGER

Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

⚠ WARNING

Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.

⚠ CAUTION

Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

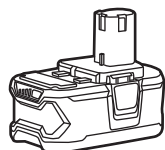
CAUTION

Without safety alert symbol

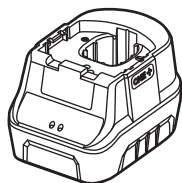
Indicates a situation that may result in property damage.

UNPACKING

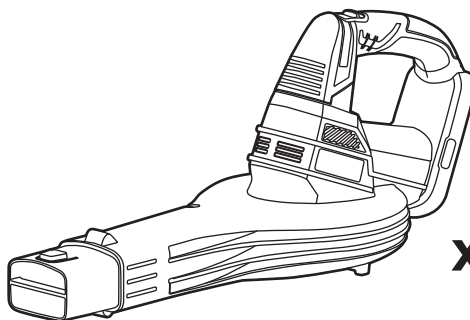
RBL1851S



x 1



x 1



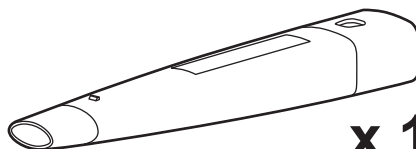
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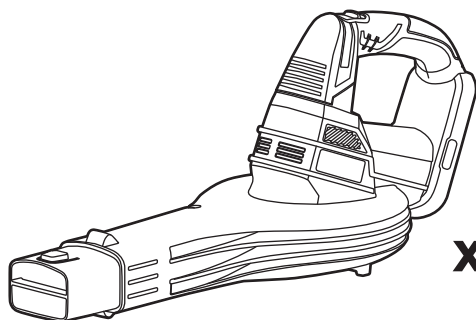


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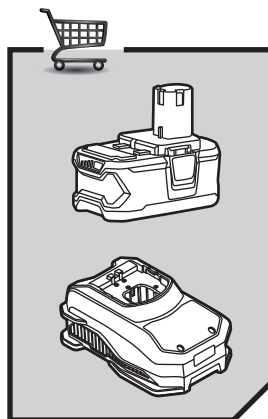


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OBL1820S



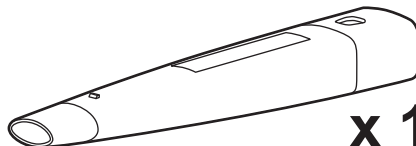
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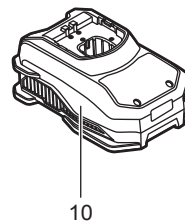
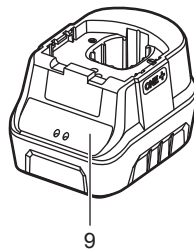
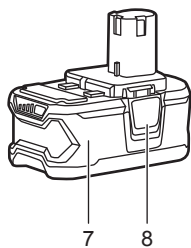
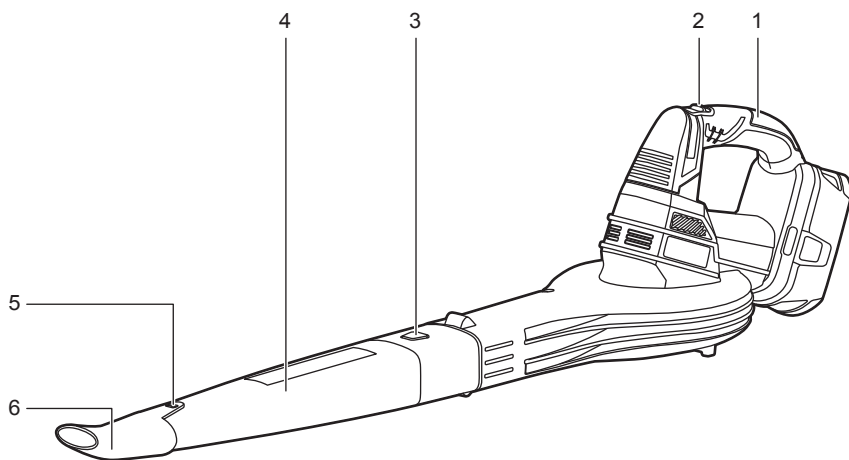
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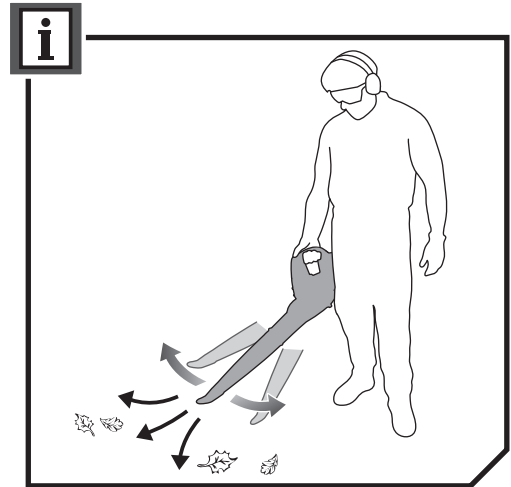
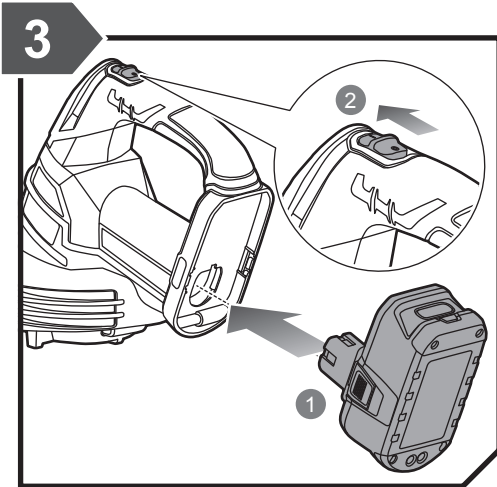
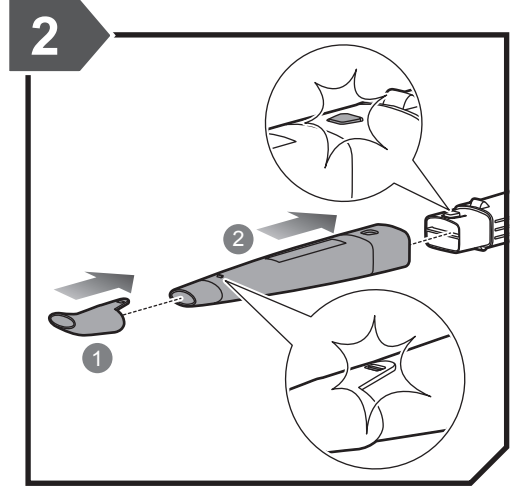
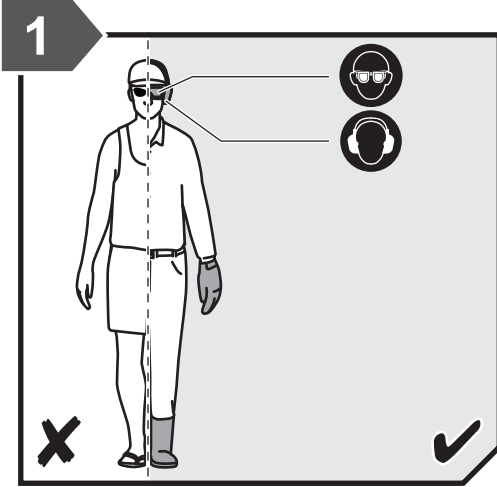
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KNOW YOUR PRODUCT

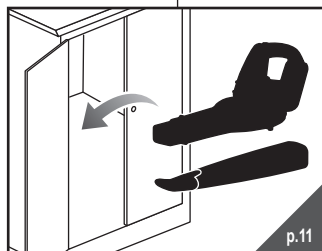
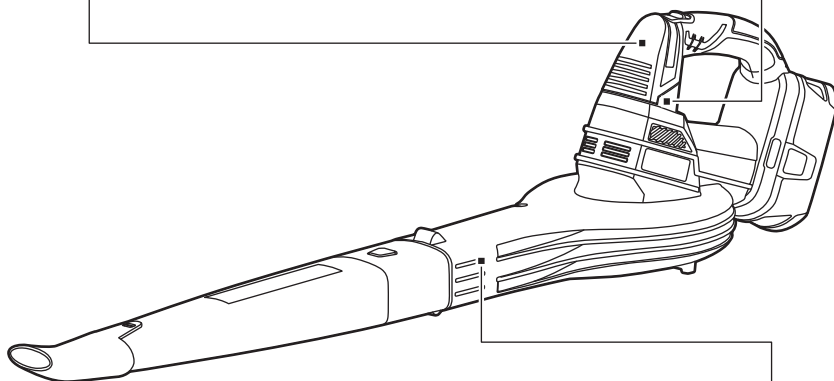
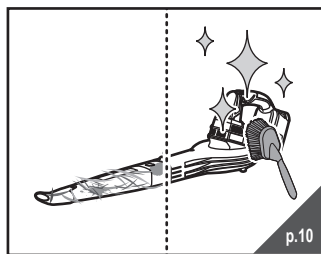
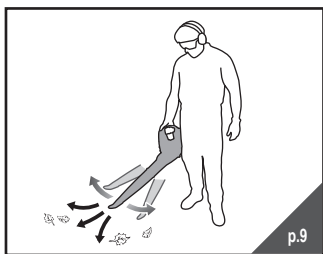
1. Handle
2. On/Off switch
3. Tube latch
4. Blow tube
5. Nozzle tab
6. High speed nozzle
7. Battery pack
8. Battery latch button
9. Battery charger (RC18120)
10. Battery charger



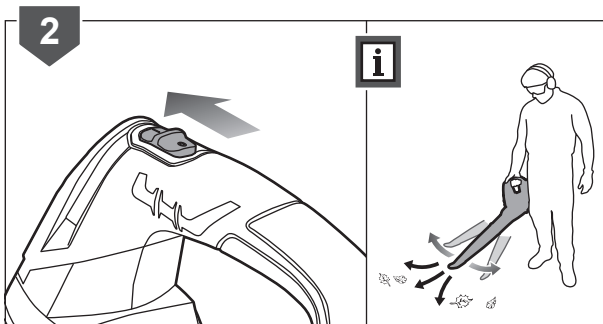
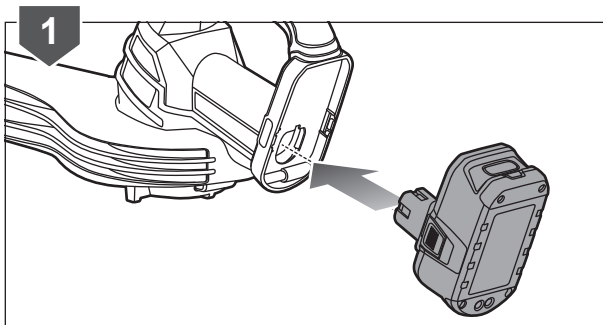
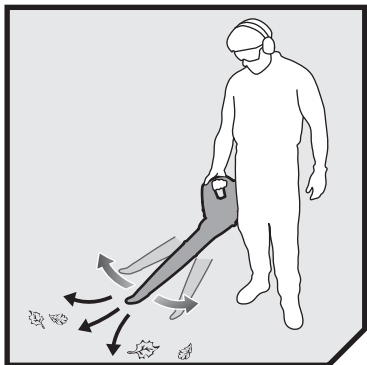
GETTING STARTED



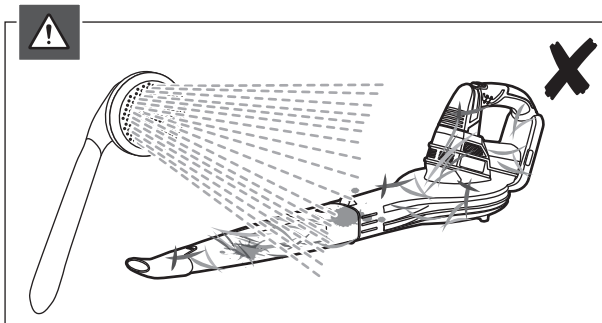
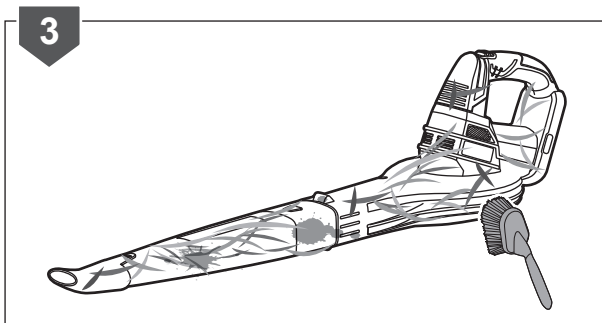
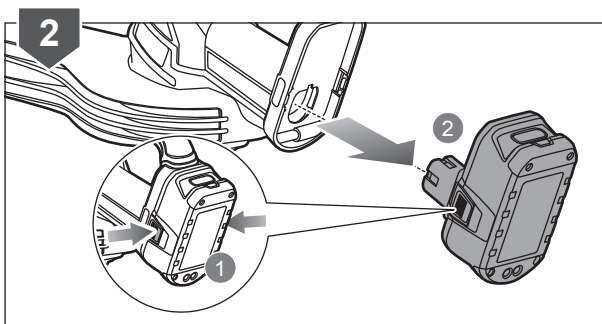
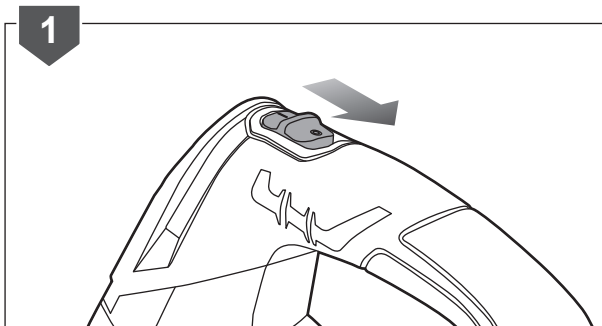
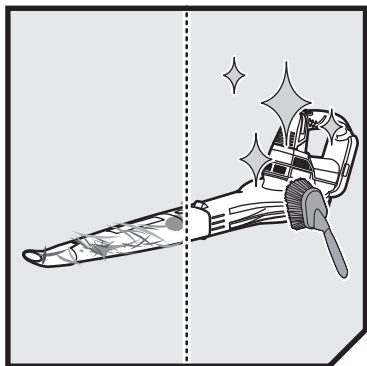
OVERVIEW



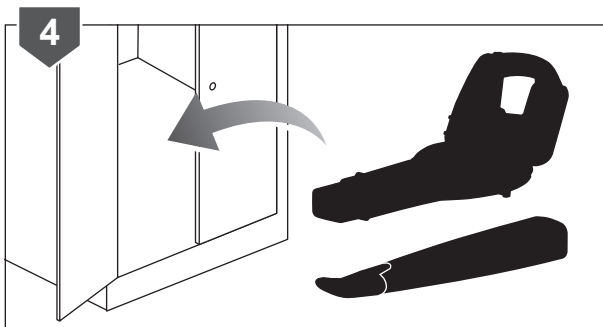
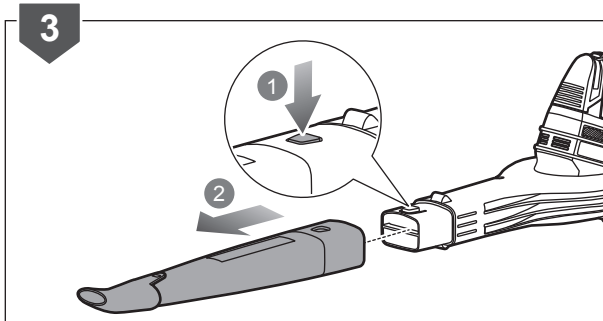
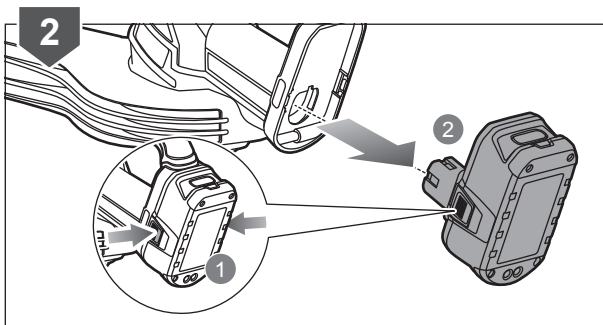
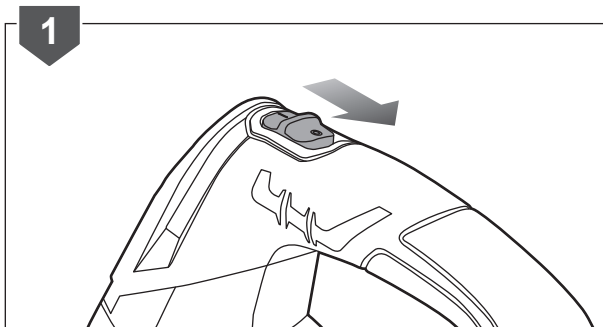
OPERATION



MAINTENANCE



STORAGE



PRODUCT SPECIFICATIONS

Cordless blower

Model RBL1851S/OBL1820S

Rated voltage 18 V

Air velocity 245 km/h

Weight (without battery) 1.60 kg

Vibration level (in accordance with Annex B of EN 15503:2009+A2:2015

Total value 0.88 m/s²

Uncertainty of measurement 1.5 m/s²

Noise emission level (in accordance with Annex A of EN 15503:2009+A2:2015

A-weighted sound pressure level at operator's position 77.6 dB(A)

Uncertainty of measurement 2.5 dB

A-weighted sound power level 92.5 dB(A)

Uncertainty of measurement 1.5 dB

BATTERY AND CHARGER

Model	RBL1851S	OBL1820S
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Battery pack	RB18L50	-
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Weight	0.73 kg	-
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Charger	RC18120	-
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Weight	0.4 kg	-
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Compatible battery packs	RB18L13 / RB18L15 / RB18L25 / RB18L26 / RB18L40 / RB18L50 / RB18L20	
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Compatible chargers	RC18150U / BCL14181H / BCL14183H / BCL14181V* / RC18120 / RC18627U / BCS618G	
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*BCL14181V is compatible for charging in vehicles with 12 V DC outlets.

VIBRATION LEVEL

⚠ WARNING

The declared vibration value has been measured with a standard test method and may be used to compare one tool with another.

The declared vibration value may be used in a preliminary assessment of exposure.

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

Identify safety measures to protect yourself 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.







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