RYOBI®

ORIGINAL INSTRUCTIONS

Cordless Pole Hedge Trimmer

OPT1845



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 pole hedge trimmer.

INTENDED USE

The cordless pole hedge trimmer is only intended for use outdoors by a single person who is standing firm on a solid ground. For safety reasons, the product must be adequately controlled by using two-handed operation.

The product is designed for home or domestic use. It is intended to cut and trim hedges, shrubs, and similar vegetation. The product is designed to be extended to a maximum length of 2.93 m. Do not exceed this working length.

It should be used in dry, well-illuminated conditions.

It is not intended to cut grass, trees, or branches. It should not be used for any other purpose than hedge trimming.

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 instruction for future reference.

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

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- **Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- **If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injury.
- **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.
- **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.

POWER TOOL USE AND CARE

- **Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any**

other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

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 terminals together may cause burns or a fire.
- **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.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that safety of the power tool is maintained.

POLE HEDGE TRIMMER SAFETY WARNINGS

- Keep all parts of the body away from the cutter blade. A moment of inattention while operating the pole hedge trimmer may result in serious personal injury.
- Carry the pole hedge trimmer by the handle with cutter blade stopped. When transporting or storing the pole hedge trimmer always fit the cutting device cover. Proper handling of the pole hedge trimmer reduces possible personal injury from the cutter blades.

ADDITIONAL SAFETY WARNINGS

- Some regions have regulations that restrict the use of the product to some operations. Check with your local authority for advice. Read all instructions.
- Clear the work area before each use. Remove all objects such as cords, lights, wire, or string which can be thrown or become entangled in the cutting means.
- Check the hedge for foreign objects, such as wire fences.
- Exercise additional caution when using the product near fencing, posts, buildings, or other immovable objects.
- To protect yourself from electrocution, do not operate within 10 m of overhead electrical lines.
- Beware of thrown objects; keep all bystanders, children, and pets at least 15 m away from work area. Stop the product if anyone enters the area.
- Do not allow children or untrained individuals to use the product.
- Check constantly for persons or animals behind or inside any hedge or bush to be trimmed.
- Do not operate in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Ensure all handles and guards are fitted when using the pole hedge trimmer. Never attempt to use an incomplete pole hedge trimmer or one fitted with an unauthorised modification.
- Ensure before each use that all controls and safety devices function correctly. Do not use the product if the motor does not stop when releasing the trigger.
- Inspect the product before each use. Check for loose fasteners. Make sure all guards and handles are properly and securely attached. Replace any damaged parts before use.
- Do not modify the product in any way.
- Wear full eye and hearing protection while operating the product. If working in an area where there is a risk of falling objects, head protection must be worn.
- Wear heavy long trousers, boots, and gloves. Do not wear loose fitting clothing, short trousers, jewellery of any kind, or use with bare feet.
- Secure long hair so it is above shoulder level to prevent entanglement in moving parts.
- Use of hearing protection reduces the ability to hear warnings (shouts or alarms). The operator must pay extra attention to what is going on in the working area.
- Operating similar tools nearby increases both the risk of hearing injury and the potential for other persons to enter your working area.
- Do not use the product when you are tired, ill, or under the influence of alcohol, drugs, or medication.
- Keep firm footing and balance. Do not overreach. Overreaching can result in loss of balance and can result in serious injury, or exposure to hot surfaces.
- Keep all parts of your body away from any moving part.
- Before starting the product, make sure the cutting blades will not come in contact with anything.
- Never operate the product in an explosive atmosphere.
- While operating the product, always hold it firmly with both hands by the two handles and ensure that the operating position is safe and secure. The manufacturer does not recommend the use of steps or ladders.
- Ensure that the pole hedge trimmer is correctly located in a designated working position before starting the product.
- Use the harness if it is supplied with your pole hedge trimmer. It will assist you to support the weight of the product during use and while moving between trimming positions. Carefully adjust the harness to fit comfortably.
- Identify the quick release mechanism and practice using it before you start using the product. Its correct use may prevent serious injury in the case of an

emergency. Never wear additional clothing over the harness or otherwise restrict access to the quick release mechanism.

- Blades are sharp. When handling the blade assembly, wear non-slip, heavy-duty protective gloves. Do not place your hand or fingers between blades or in any position where they could get pinched or cut.
- Always stop the product, remove the battery pack, make sure all moving parts have come to stop, and allow the pole hedge trimmer to cool down before:
  - adjusting the working position of the cutting device
  - cleaning or clearing a blockage
  - leaving the product unattended
  - checking, maintaining, or working on the product.
- Do not force the product through heavy shrubbery. This can cause the blades to bind and slow down. If the blades slow down, reduce the pace.
- Do not attempt to cut stems or twigs that are larger than 18 mm thick, or those obviously too large to feed into the cutting blade. Use a non-powered hand saw or pruning saw to trim large stems.
- Do not operate the product with damaged or excessively worn blades.
- If the cutting mechanism strikes any foreign object or the pole hedge trimmer starts making unusual noise or vibration, stop the product, remove the battery, and allow the product to stop before you do the following:
  - inspect for damage
  - check for, and tighten, any loose parts
  - have any damage parts replaced or repaired with parts having equivalent specifications.

⚠ 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.

⚠ WARNING

Check that all the shaft couplings on the extension shaft and tool are securely fastened before each use and at frequent intervals.

ADDITIONAL BATTERY SAFETY WARNINGS

⚠ WARNING

To reduce the risk of fire, personal injury, and product damage due to a short circuit, never immerse your tool, battery pack or charger in fluid or allow a fluid to flow inside them. Corrosive or conductive fluids, such as seawater, certain industrial chemicals, and bleach or bleach-containing products, etc., can cause a short circuit.

TRANSPORTATION AND STORAGE

- Stop the product, remove the battery, and allow both to cool before storing or transporting
- Clean all foreign material from the product. Store it in a cool, dry, and well-ventilated place that is inaccessible to children. For extra safety, store the battery separately from the pole hedge trimmer. Keep away from corrosive agents such as garden chemicals and de-icing salts. Do not store outdoors.
- Cover the blade with the blade protector before storing the product or during transportation.
- 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 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 batteries 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, contribute to 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.

⚠ WARNING

The blades are sharp. To prevent personal injury, exercise extreme caution when cleaning, lubricating and fitting, or removing the blade protector.

- Remove the battery and make sure all moving parts have come to a complete stop before conducting any maintenance or cleaning work.
- You may only make adjustments or repairs described in this manual. For other repairs, contact the authorised service centre.
- After each use, clean the product with a soft, dry cloth.
- After each use, clean the debris from the blades with a stiff brush, and then carefully apply a rust preventative lubricant before refitting the blade protector. Use the recommended rust preventative and lubricant spray

to apply an even distribution and reduce the risk of personal injury from contact with the blades. For information about suitable spray product, check with your local authorised service centre.

- Lubricate the blades lightly before use if necessary using the above method.
- 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.

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 contact with the blades.
  - The blade cannot be guarded while cutting. Keep the blade away from yourself and others. Cover it with the blade protector when the product is not in use.
- Injury caused by vibration.
  - Always use the right tool for the job. Use designated handles and restrict working time and exposure.
- Hearing damage caused by exposure to noise.
  - Wear ear protection and limit exposure.

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 the 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 unit, wear gloves to keep the hands and wrists warm. It is reported that cold weather is a major factor contributing to Raynaud's Syndrome.
- 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.

KNOW YOUR PRODUCT

See page 9.

1. Blade
2. Pivoting button
3. Extension pole
4. Shaft coupling
5. Harness hanger
6. Front hand grip
7. Trigger release
8. On/Off trigger
9. HESGESWEEP™ debris sweeper
10. Scabbard
11. Harness
12. Battery
13. Battery latch button
14. Charger

SYMBOLS ON THE PRODUCT


Safety alert


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


Wear eye, ear and head protection.


Wear non-slip safety footwear when using the product.


Wear non-slip, heavy duty gloves.


Do not expose to rain or damp condition.


Sharp cutting blades. To prevent serious injury, do not touch cutting blades.


Pull: Quick release tab


Electrical hazard, at least 10 m away from the overhead electric-power lines


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



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.



Conforms to all regulatory standards in the country in the EU where the product is purchased.



EurAsian Conformity Mark



Ukrainian mark of conformity



The guaranteed sound power level is 95 dB

SYMBOLS IN THIS MANUAL



Parts or accessories sold separately



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**

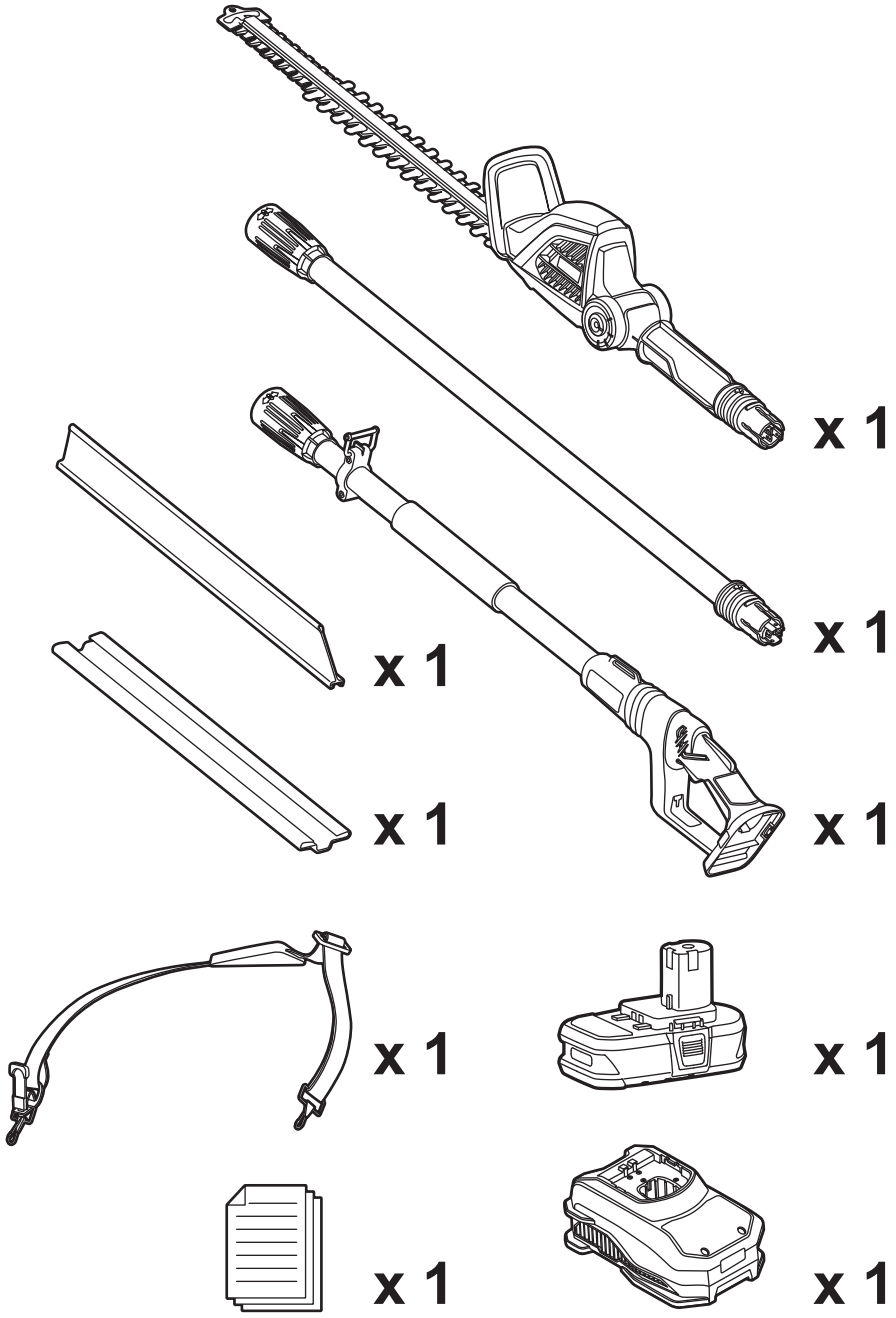
Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION

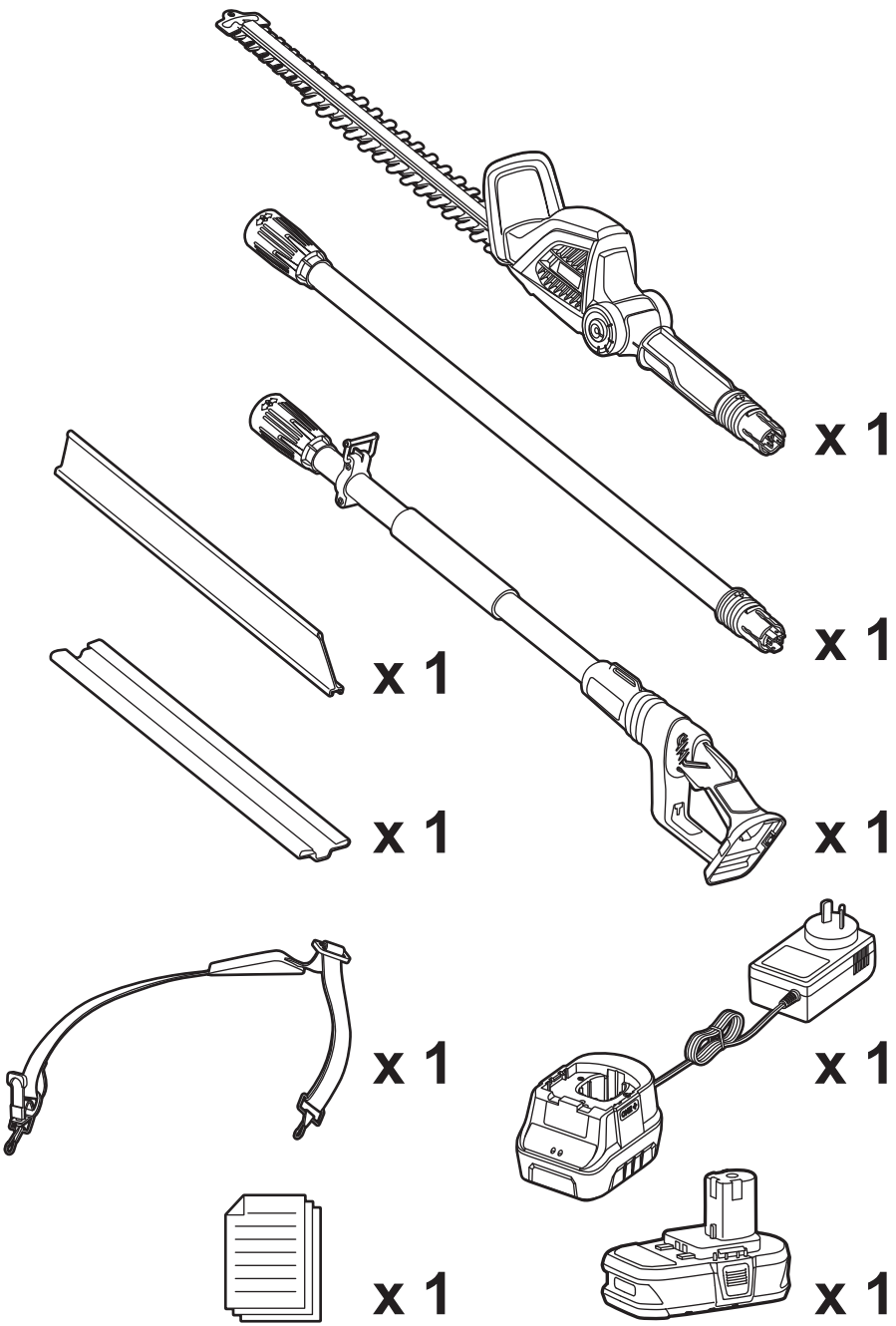
Without safety alert symbol

Indicates a situation that may result in property damage.

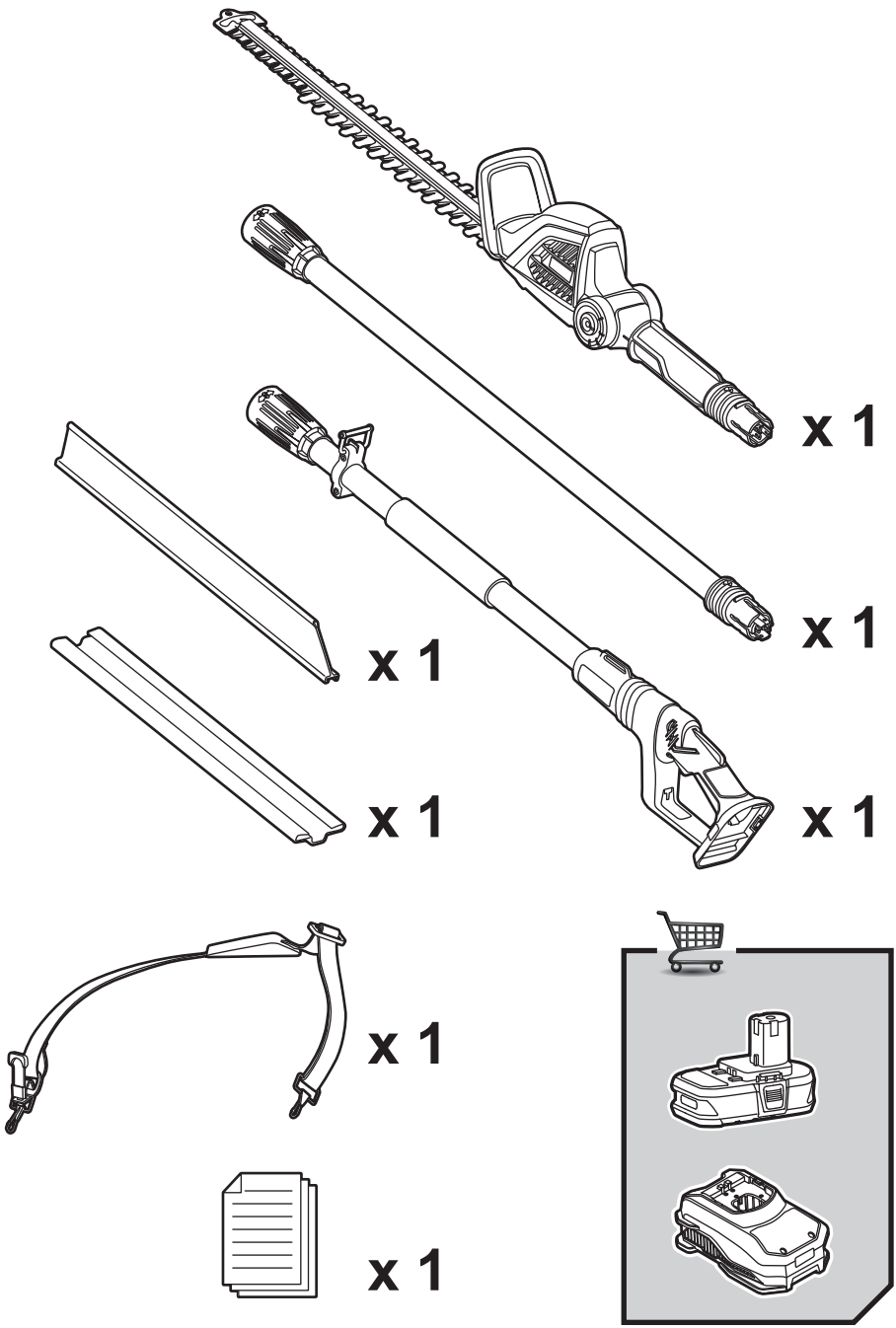
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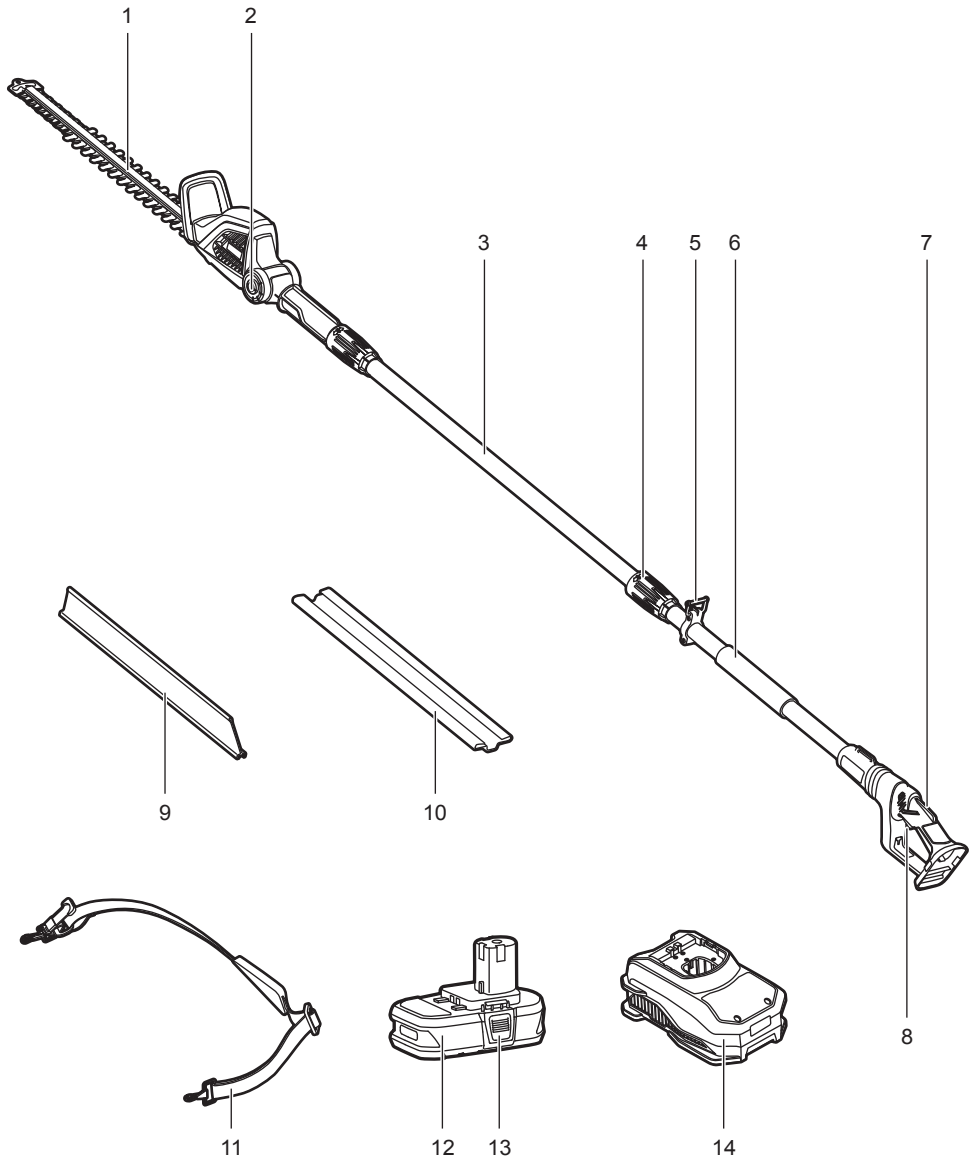


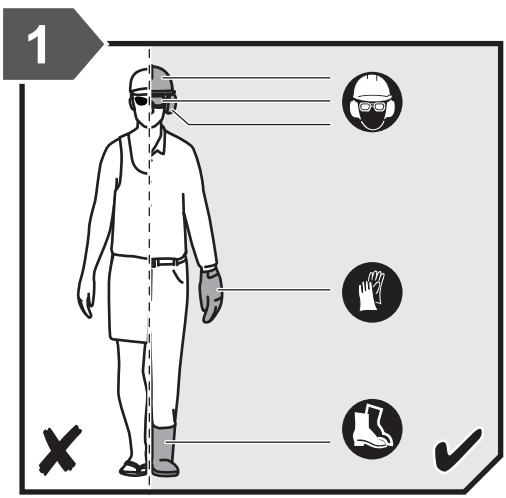
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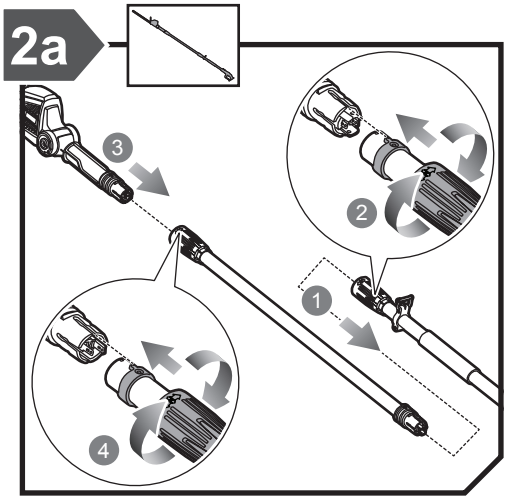


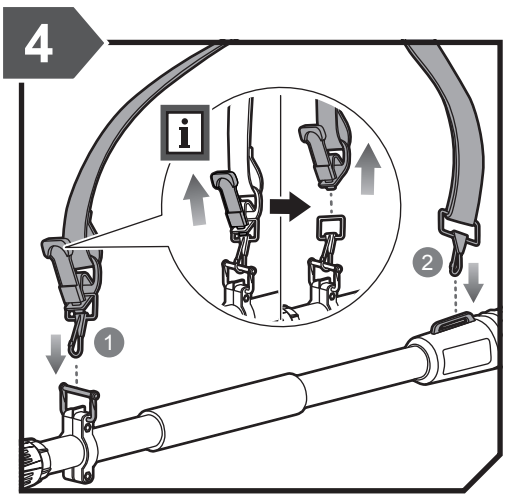
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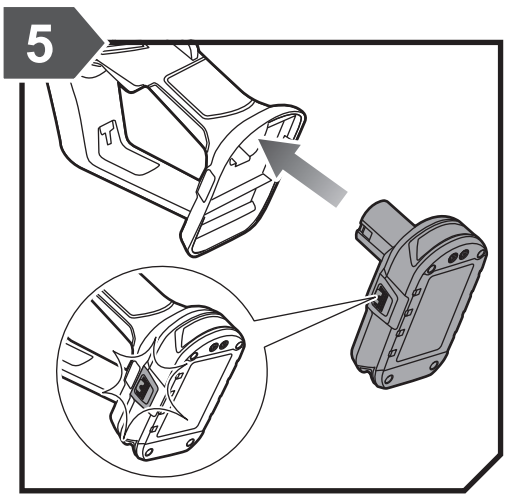


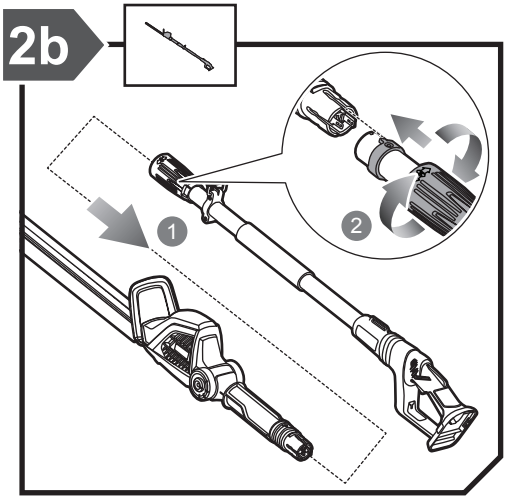

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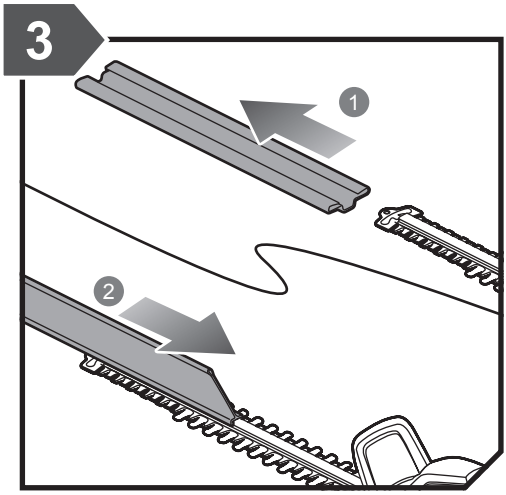

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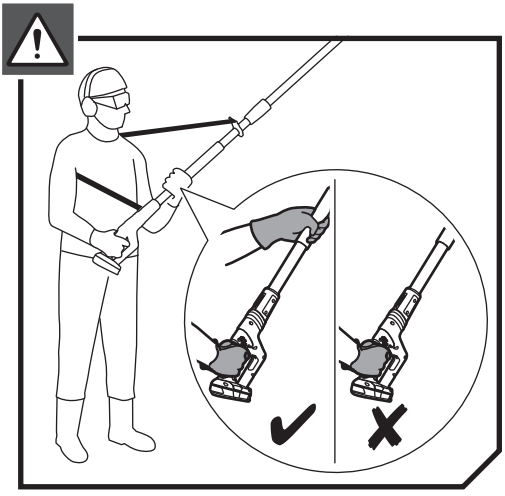

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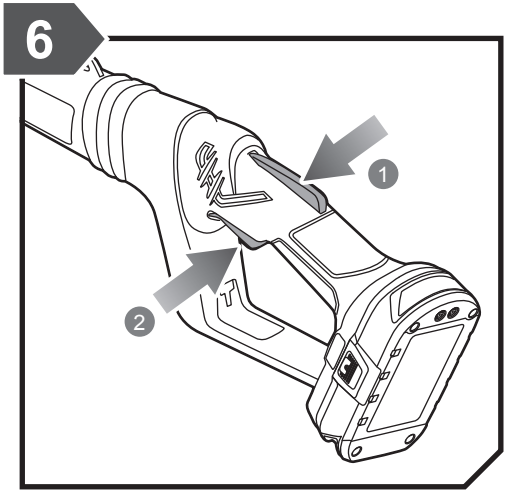

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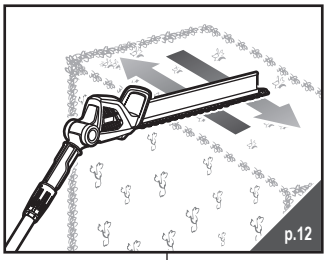

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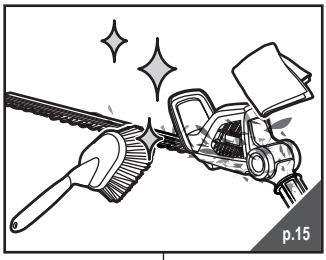

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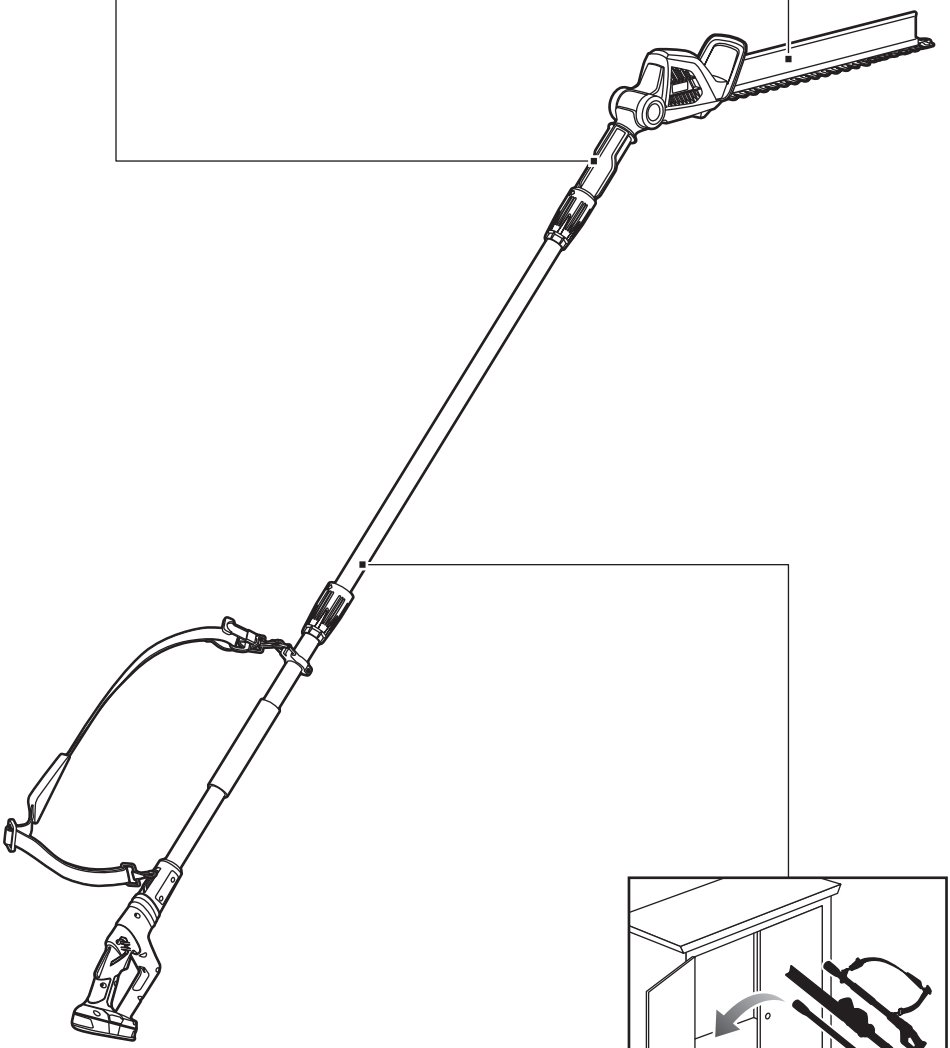

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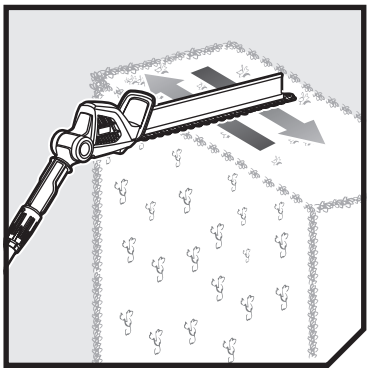

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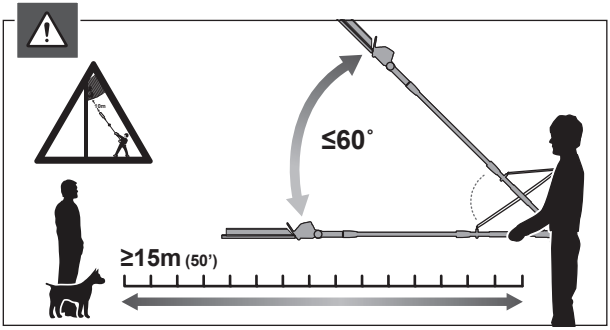

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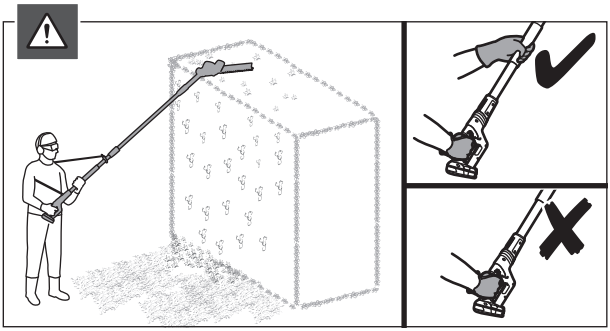

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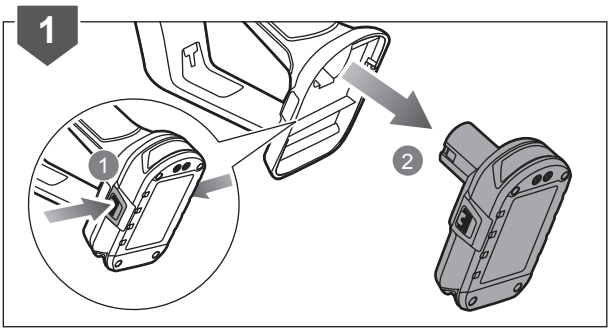


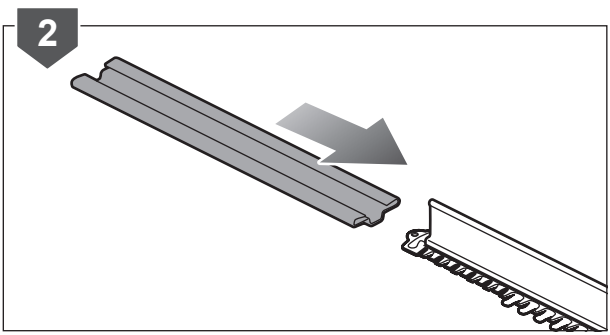
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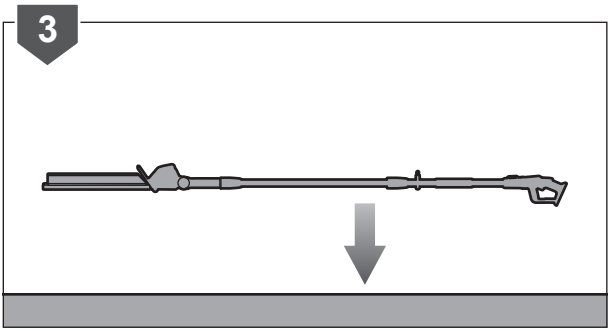


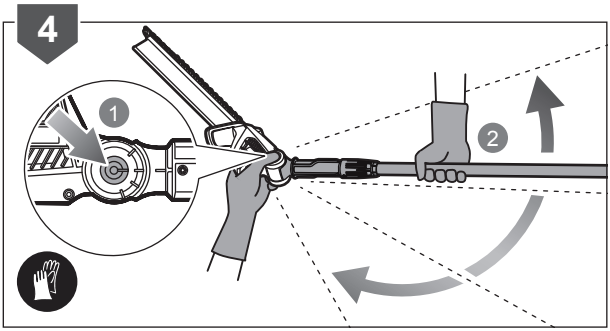

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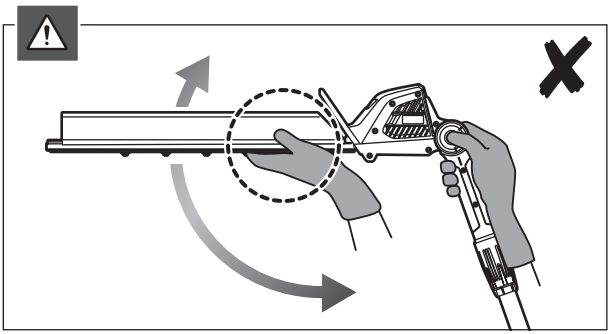


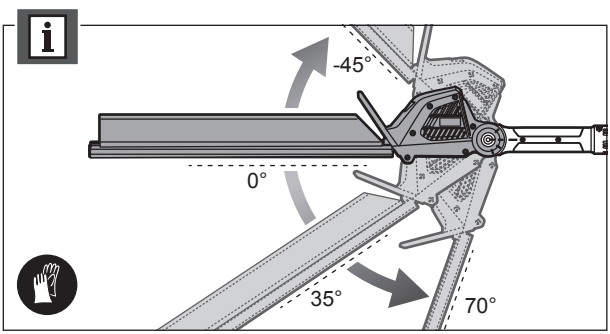

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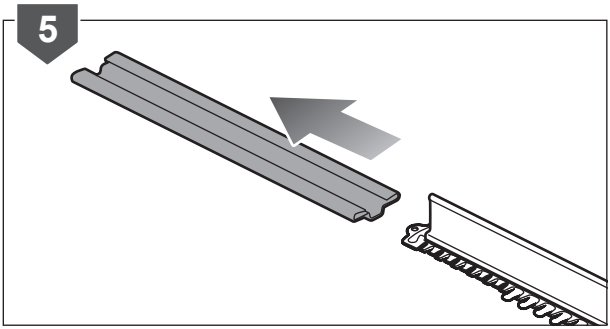

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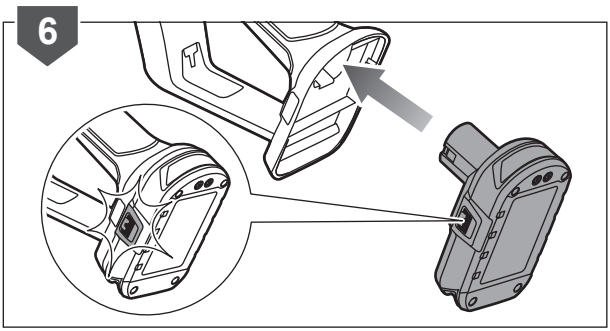

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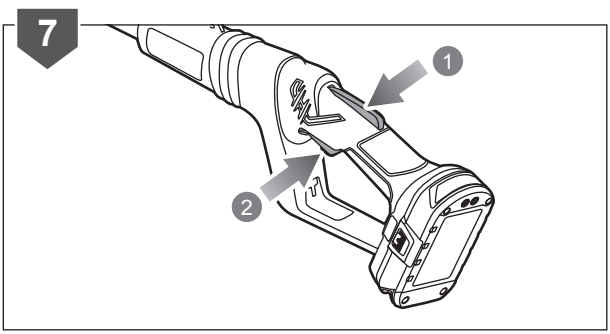

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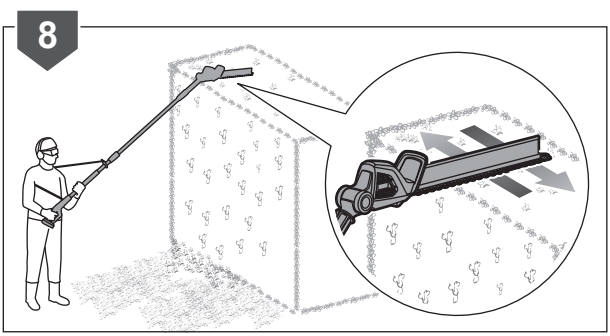


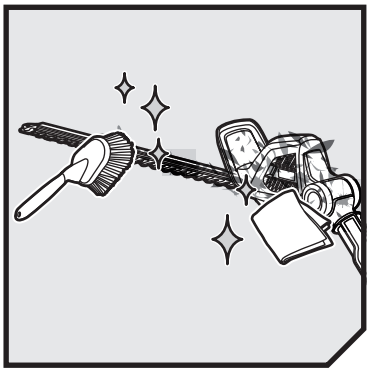

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0°
35°
70°

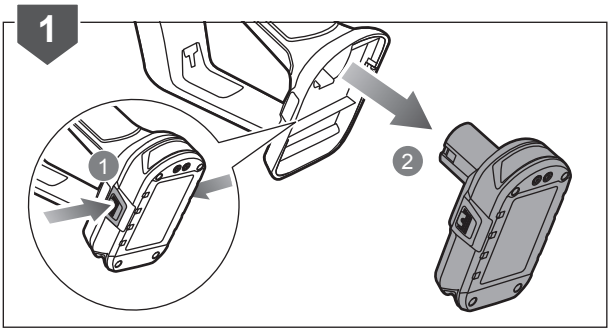

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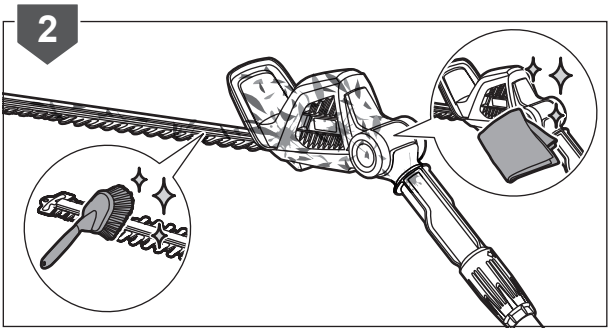

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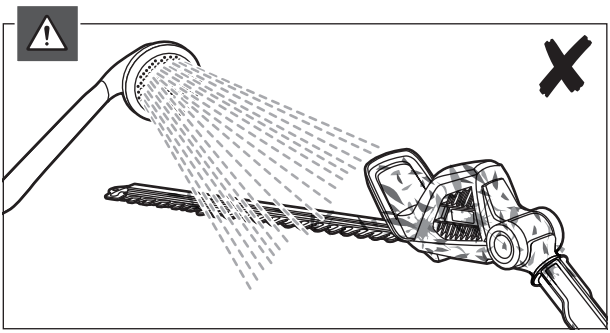

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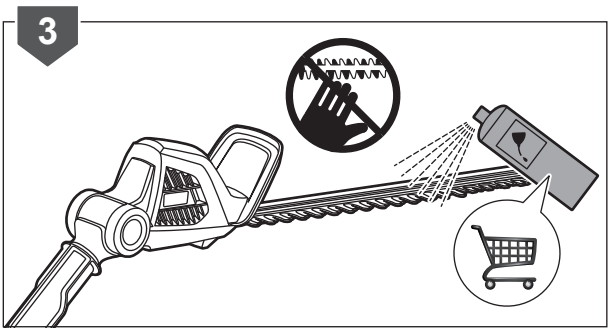

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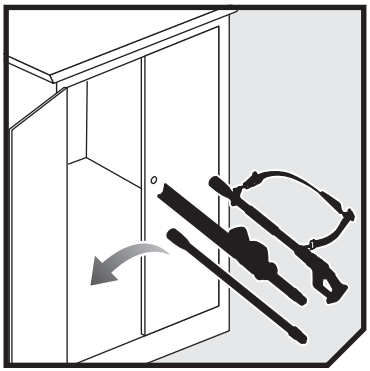


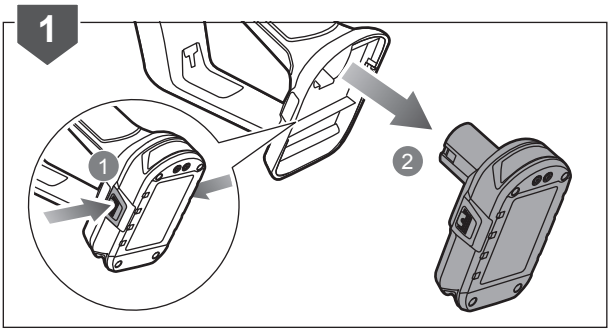

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1
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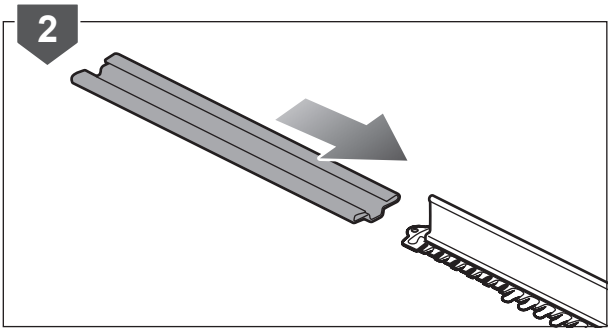

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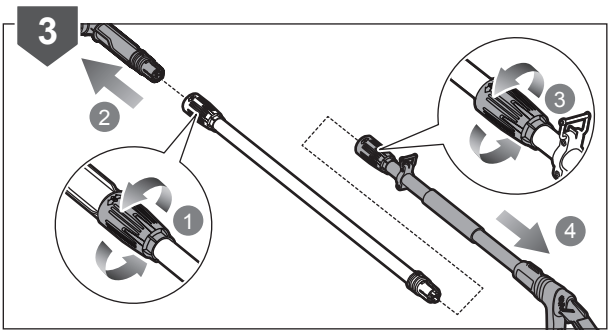


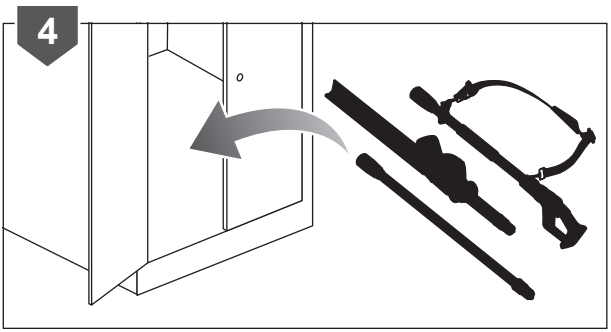

3











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PRODUCT SPECIFICATIONS

Cordless Pole Hedge Trimmer	
Model	RPT184515 / RPT184520 / OPT1845
Rated voltage	DC 18 Volts
No-load speed	1,350 min^{-1}
Stroke rate at no load	2,700 spm
Usable cutting length	450 mm
Cutting capacity	18 mm
Maximum product working length	2.93 m
Weight (with harness, without battery and charger)	4.2 kg
Vibration level (in accordance with annex C of EN ISO 10517:2009+A1:2013)	
Vibration total value	1.25 m/s^2
Uncertainty of measurement	1.5 m/s^2
Noise emission level (in accordance with annex D of EN ISO 10517:2009+A1:2013)	
A-weighted sound pressure level at operator's position	81.1 dB(A)
Uncertainty of measurement	2.5 dB
A-weighted sound power level	92.8 dB(A)
Uncertainty of measurement	1.75 dB

BATTERY AND CHARGER

Model	RPT184515	RPT184520	OPT1845
Battery pack	RB18L15	RB18L20	Not included
Charger	BCL14181H	RC18120	Not included
Compatible battery packs	RB18L13, RB18L15, RB18L20, RB18L25, RB18L26, RB18L40, RB18L50,		
Compatible chargers	BCL-1800, BCL1418, BCL1418IV, BCL14181H, BCL14183H, BCS618G, RC18150U, RC18627, RC18115, RC18120, RC18150		

REPLACEMENT PARTS

HEDGESWEEP™	526799003
Scabbard	526798003
Harness	308319004

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.

RYOBI® WARRANTY APPLICATION CONDITIONS

In addition to any statutory rights resulting from the purchase, this product is covered by a warranty as stated below.

1. The warranty period is 24 months for consumers and commences on the date the product was purchased. This date has to be documented by an invoice or other proof of purchase. The product is designed and dedicated to consumer and private use only. So there is no warranty provided in case of professional or commercial use. This warranty applies only on new products.
2. There is a possibility to extend for a part of the range of power tools (AC/DC) the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of products for extended warranty is clearly displayed in stores and / or on packaging and is contained within the product documentation. The end user is required to register his/her newly-acquired products online within 30 days from the date of purchase. The end user may register for the extended warranty in his/her country of residence if listed on the online registration form where this option is valid. Furthermore, end users must give their consent to the storage of their personal data that is required to be entered online. They must also accept the terms and conditions. The registration confirmation receipt, which is sent out by e-mail, and the original invoice showing the date of purchase will serve as proof of the extended warranty.
3. The warranty covers all defects of the product during the warranty period due to faults in workmanship or material at the purchase date. The warranty is limited to repair and/or replacement and does not include any other obligations including but not limited to incidental or consequential damages. The warranty is not valid if the product has been misused, used contrary to the instruction manual, or has been incorrectly connected to a power supply. This warranty does not apply to:
   - any damage to the product that is the result of improper or lack of maintenance
   - any product that has been altered or modified
   - any product where original identification (trade mark, serial number) markings have been defaced, altered or removed
   - any damage caused by non-observance of the instruction manual
   - any product not displaying the CE approval mark on the rating plate
   - any product that has been attempted to be repaired by a non-authorised warranty service centre or without prior authorisation by Techtronic Industries
   - any product connected to an improper power supply (amps, voltage, frequency)
   - any product used with inappropriate fuel mixture (fuel, oil, Ratio of oil / fuel mixture)
   - any damage caused by external influences (water, chemical, physical, shocks) or foreign substances
   - normal wear and tear spare parts
   - inappropriate use, overloading of the tool
   - use of non-approved accessories or parts
   - Accessories provided with the tool or purchased separately including but not limited to blades, saw chains, cutting lines etc.
   - Any periodic adjustments to or maintenance cleaning of carburetors
   - Components (parts and accessories) subject to natural wear and tear, including but not limited to bump knobs, drive belts, clutch, blades of hedge trimmers or lawn mowers, harness, cable throttle, carbon brushes, power cord, tines, felt washers, hitch pins, blower fans, blower and vacuum tubes, vacuum bag and straps, guide bars, saw chains, hoses, connector fittings, spray nozzles, wheels, spray wands, inner reels, outer spools, cutting lines, spark plugs, air filters, gas filters, mulching blades, etc.
4. For servicing, the product must be sent or presented to a RYOBI authorised service station listed for each country in the following list of service station addresses. In some countries your local RYOBI dealer undertakes to send the product to the RYOBI service organisation. When sending a product to a RYOBI service station, the product should be safely packed without any dangerous contents such as petrol, marked with sender's address and accompanied by a short description of the fault.
5. A repair / replacement under this warranty is free of charge. It does not constitute an extension or a new start of the warranty period. Exchanged parts or products become our property. In some countries delivery charges or postage will have to be paid by the sender. Your statutory rights arising from the purchase of the product remain unaffected.
6. This warranty is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey and Russia. Outside these areas, please contact your authorised RYOBI dealer to determine if another warranty applies.

AUTHORISED SERVICE CENTRES

ACD PLANT LTD
145 Southbank Road
Coundon
Coventry, West Midlands
CV6 1FG
Phone: 02476 594348
Email: danmcgunigle@acdplant.co.uk
Web: www.acdplant.co.uk

CBS Power Tools Limited
Unit 4, V P Square
Storeys Bar Rd, Fengate
Peterborough, Cambridgeshire
PE1 5YS
Phone: 01733 343031
Email: steve@cbspowertools.co.uk
Web: www.cbspowertools.com

C D Powertools
76 Old Road
Churwell Morley, Leeds
LS27 7TH
Phone: 0113 2718494
Email: info@cdpowertools.co.uk
Web: www.cdpowertools.co.uk

C J Sinclair Limited
44 Victoria Road
St Peters
Broadstairs, Kent
CT10 2UG
Phone: 01843 869400
Email: repairs@cjsinclairltd.co.uk
Web: www.cjsinclairltd.co.uk

Powertech Ind Ltd
Unit 2C, Ellison Road
Norwood Ind, Killamarsh
Sheffield, South Yorkshire
S21 2JG
Phone: 01142 474080
Email: stores@powertech-industrial.co.uk
Web: www.powertech-industrial.co.uk

RYCKO Technical Services LTD
104 Green Lane
St Albans, Herts
AL3 6EX
Phone: 08458 678790
Email: info@ryckotechnical.com
Web: www.ryckotechnical.com

ToolTech Industrial Equipment
227 E Dunhill Road, Macosquin
Coleraine, Co Londonderry
BT514LQ
Phone: 028 70359493
Email: john@tooltech.org.uk

For an updated list of authorised service centres, visit http://en.ryobitools.eu/header/service-and-support/service-agents.

DECLARATION OF CONFORMITY

Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

Herewith we declare that the product

Cordless Pole Hedge Trimmer
Brand: RYOBI
Model number: RPT184515 / RPT184520 / OPT1845
Serial number range:
RPT184515: 44445102000001 - 44445102999999
RPT184520: 44445102000001 - 44445102999999
OPT1845: 44445202000001 - 44445202999999

is in conformity with the following European Directives and harmonized standards

2006/42/EC, 2014/30/EU, 2000/14/EC, 2005/88/EC, 2011/65/EU, EN 60745-1:2009+A11:2010, EN ISO 10517:2009+A1:2013, EN ISO 3744:2010, EN 55014-1:2006+A1:2009+A2:2011, EN50581:2012, EN 55014-2:2015

Measured sound power level: 92.8 dB(A)
Guaranteed sound power level: 95 dB(A)
Conformity assessment method to Annex V Directive 2000/14/EC amended by 2005/88/EC.



CE

Andrew John Eyre (BEng, CEng, MIET)
Vice President, Regulatory & Safety
Winnenden, June 30, 2017

Authorised to compile the technical file:
Alexander Krug, Managing Director
Techtronic Industries GmbH
Max-Eyth-Straße 10, 71364 Winnenden, Germany

RYOBI

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71364 Winnenden, Germany

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