ORIGINAL INSTRUCTIONS

Electric Pole Hedge Trimmer

RPT4545E
RPT4545M



Important!

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

Subject to technical modification.

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.

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 injuries.
- **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 tool 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 the 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.

SERVICE

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

POLE HEDGE TRIMMER SAFETY WARNINGS

- **Keep all parts of the body away from the cutter blades.** A moment of inattention while operating the product 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 will reduce possible personal injury from the cutter blades.
- **Hold the power tool by insulated gripping surface only, because the cutter blade may contact hidden wiring or its own cord.** Cutter Blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.
- **Keep cable away from cutting area.** During operation the cable may be hidden in shrubs and can be accidentally cut by the blade.

ADDITIONAL SAFETY WARNINGS

- 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.
- Electrical power should be supplied via a residual current device (RCD) with a tripping current of not more than 30 mA.
- If the power cable becomes damaged, you must return the tool to an authorised service centre for repair or replacement.
- Beware of thrown objects; keep all bystanders, children, and pets at least 15 m away from work area.
- Check constantly for persons or animals behind or inside any hedge or bush you intend to trim.
- Do not operate in poor lighting. The operator requires a clear view of the work area to identify potential hazards.
- Inspect the machine before each use. Check for loose fasteners, etc. Make sure all guards, and handles are properly and securely attached. Replace any damaged parts before use.
- Do not modify the machine in any way.
- Do not allow children or untrained individuals to use this unit.
- 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.
- Do not use this machine 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.
- Before starting the machine, make sure the cutting blades will not come in contact with anything.
- While operating the pole hedge trimmer, 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.
- 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 whilst 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 machine. 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.
- To protect yourself from electrocution, do not operate within 10 m of overhead electrical lines.
- Never use the pole hedge trimmer near fencing, posts, buildings, or other immovable objects.
- 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. Never touch blade or service unit with the power cord connected to the supply.
- Switch off and disconnect from the power supply before:
  - adjusting the working position of the cutting device
  - cleaning or clearing a blockage
  - leaving the product unattended
  - checking, maintenance or working on the product.
- Do not force the pole hedge trimmer 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 20 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.
- 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.
- Do not operate the pole hedge trimmer with damaged or excessively worn blades.

⚠ WARNING

If the machine is dropped, suffers heavy impact or begins to vibrate abnormally, immediately stop the machine 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 pole and tool are securely fastened before each use and at frequent intervals.

TRANSPORTATION AND STORAGE

- Stop the machine, disconnect from mains and allow it 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. 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 unit, or during transportation.
- For transportation, secure the machine against movement or falling to prevent injury to persons or damage to the machine.

MAINTENANCE

⚠ WARNING

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

⚠ WARNING

Servicing requires extreme care and knowledge and should be performed only be a qualified service technician. For service we suggest you return the product to your nearest authorised service center for repair. When servicing, use only identical replacement parts.

⚠ WARNING

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

- Switch off and disconnect from the mains 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 agent.
- After each use, clean the body and handles of 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. The manufacturer recommends you to use a 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.
- You may wish to 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 the product is in safe working condition. Any part that is damaged should be properly repaired or replaced by an authorised service centre.

INTENDED USE

The product is only intended for use outdoors by a single operator who is standing on firm 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 2.6 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.

RESIDUAL RISKS

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:

- The blades cannot be guarded whilst cutting. Contact with the blades can cause serious injury. Keep the blade away from yourself and others. Cover it with the blade protector whenever you are not cutting.
- Injury caused by vibration. Always use the right tool for the job, use designated handles and restrict working time and exposure.
- Exposure to noise can cause hearing injury. Wear ear protection and limit exposure.

RISK REDUCTION

It has been reported that vibrations from hand-held tools may contribute to a condition called Raynaud's Syndrome in certain individuals. 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 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 doctor about these symptoms.

⚠ 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 7.

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. Cord retainer
10. Scabbard
11. Harness

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.


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


Remove plug from the mains immediately before maintenance or if cable is damaged or cut


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


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


GOST-R Conformity


Class II tool, double insulation


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.



The guaranteed sound power level is 96 dB

SYMBOLS IN THIS MANUAL


Connect to power outlet.


Disconnect from power outlet.


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.

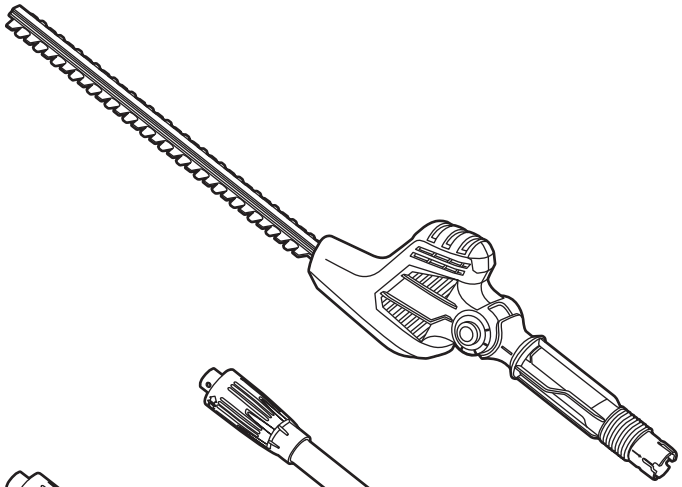
⚠ DANGER
Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.

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

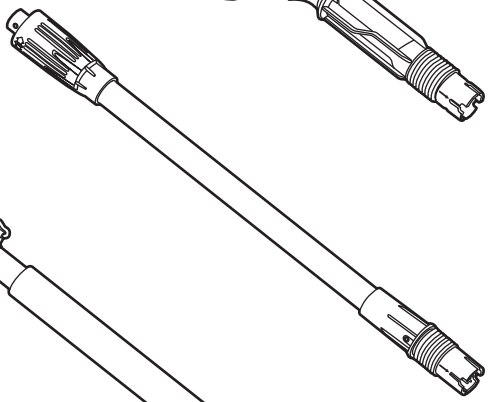
⚠ CAUTION
Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.

CAUTION
Without safety alert symbol
Indicates a situation that may result in property damage.

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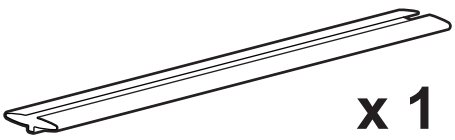
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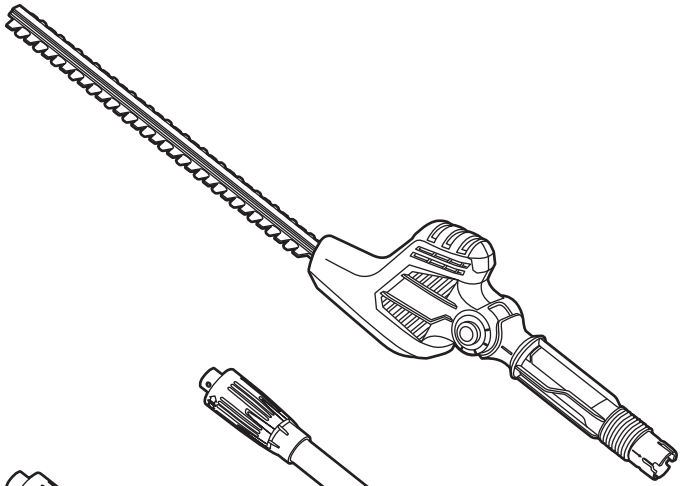


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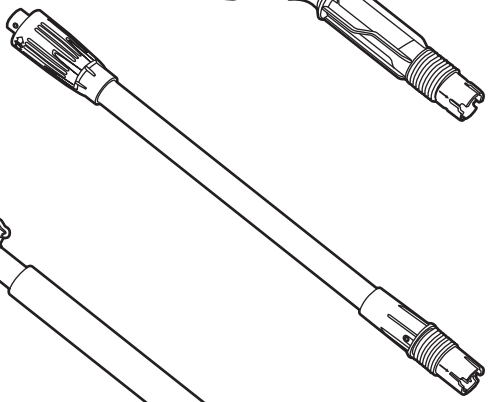


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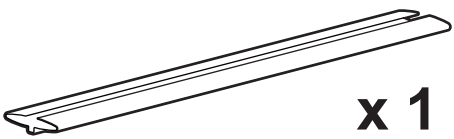
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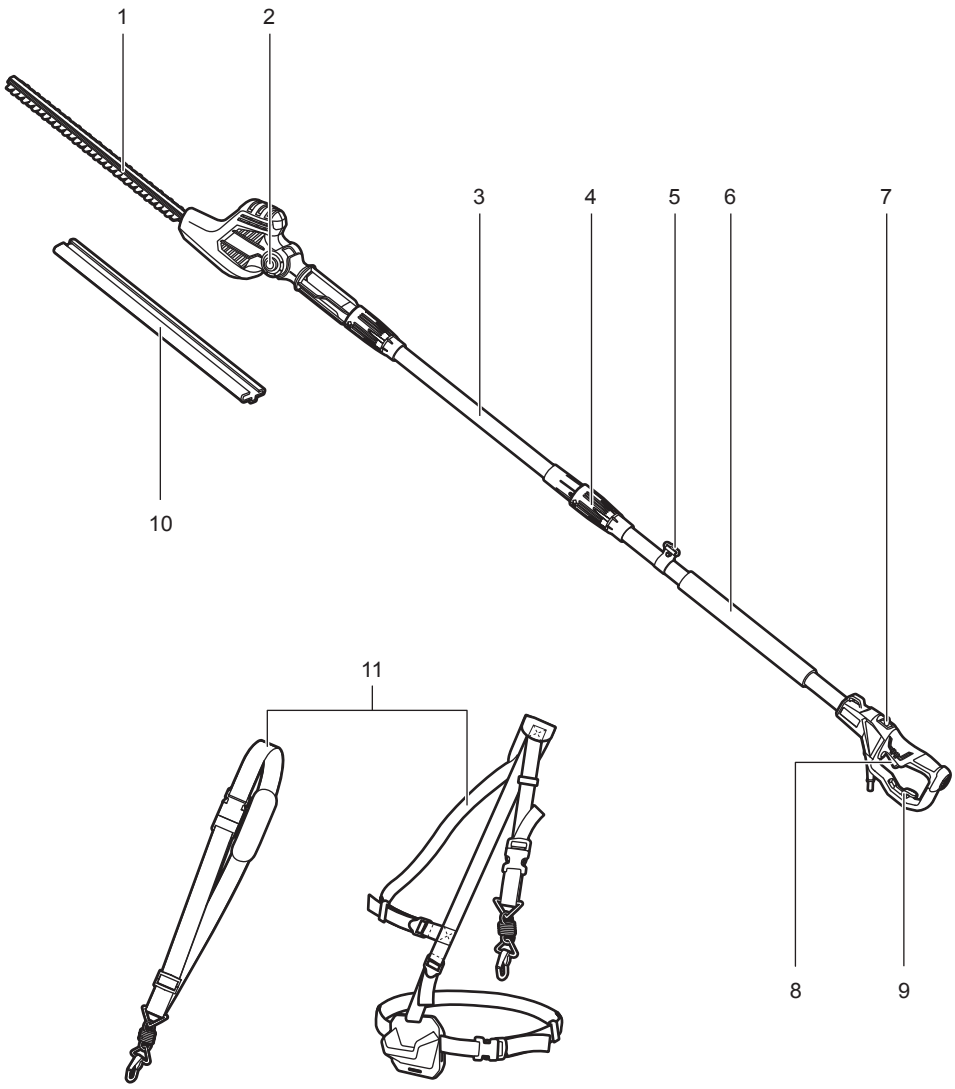
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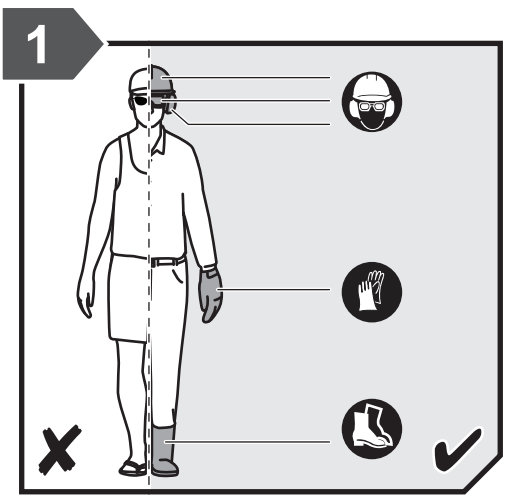


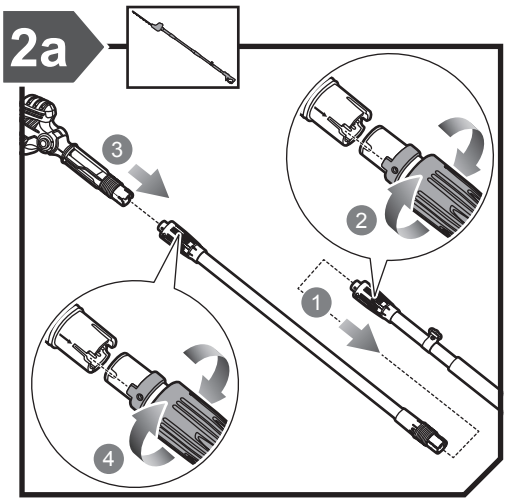
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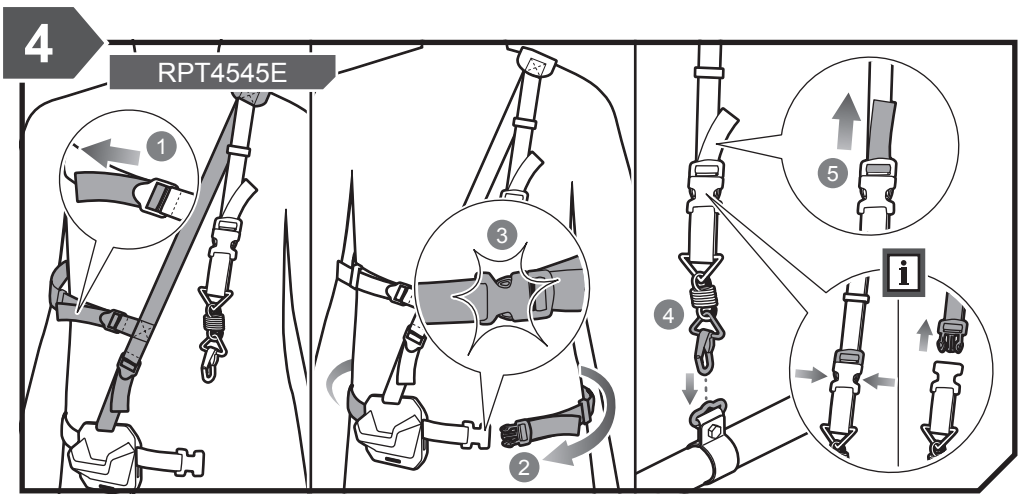


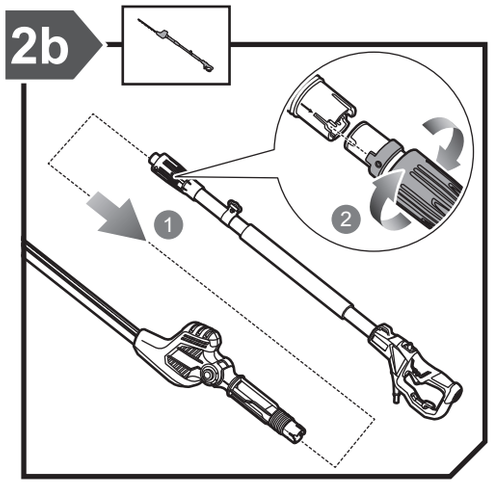
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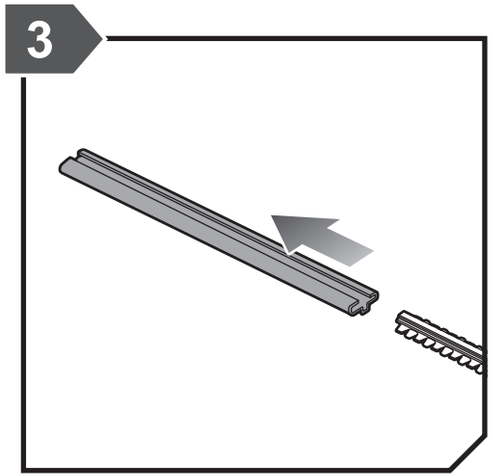

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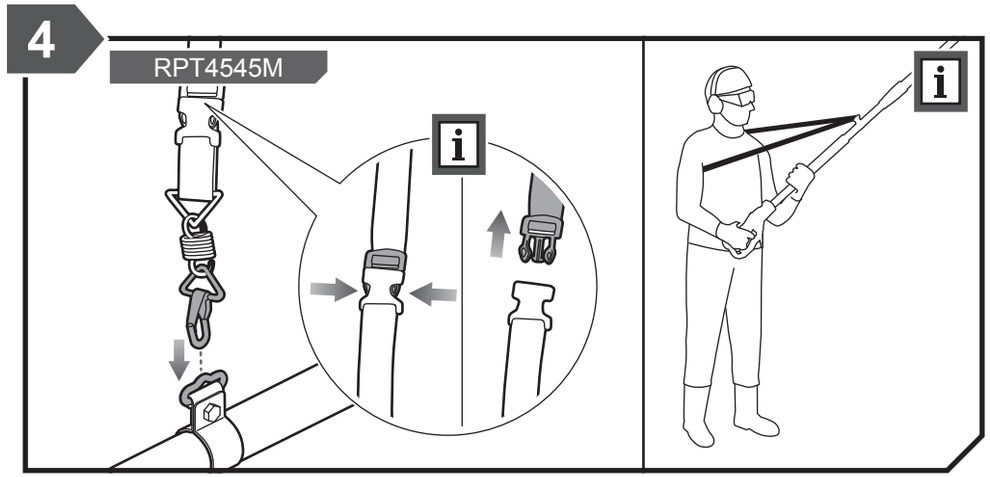

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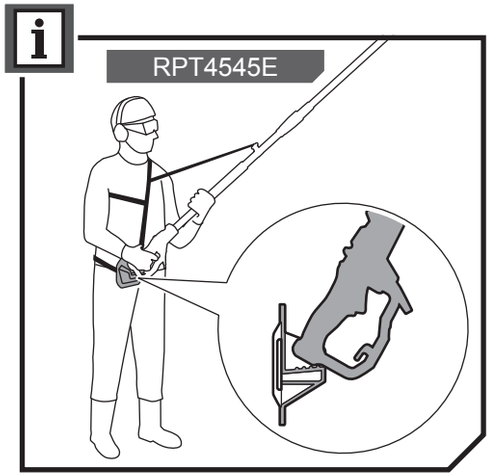

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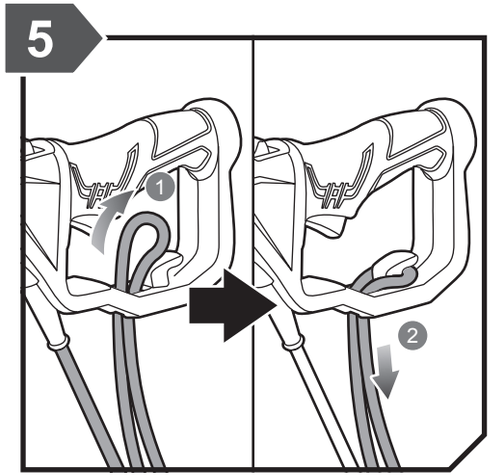

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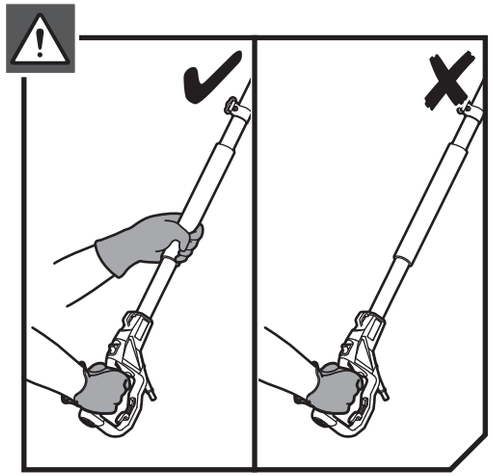

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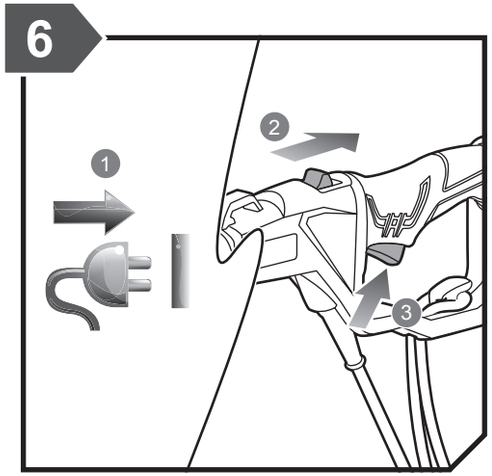

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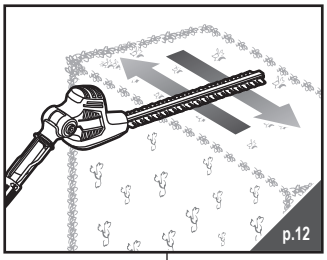

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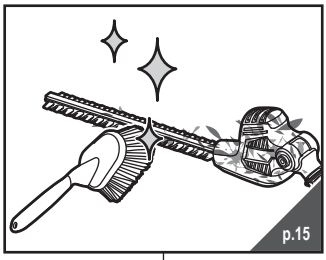

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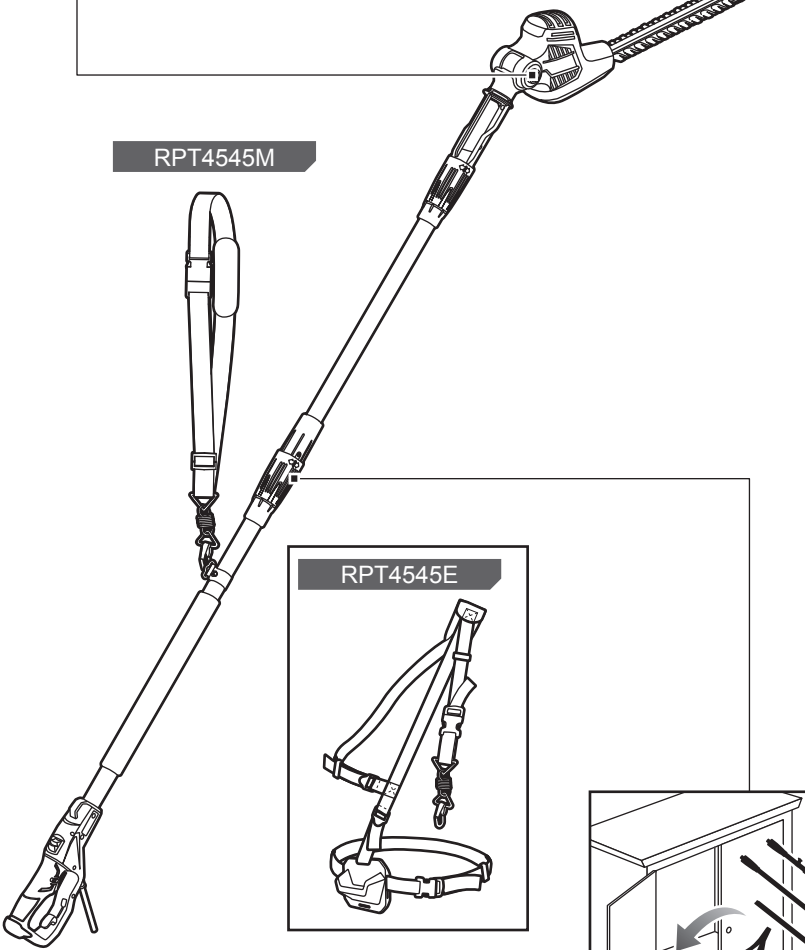



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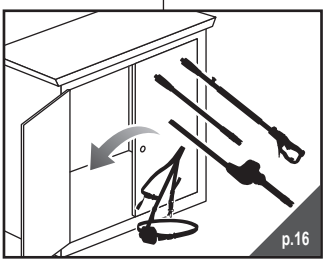


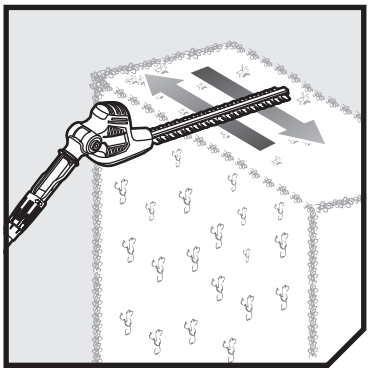


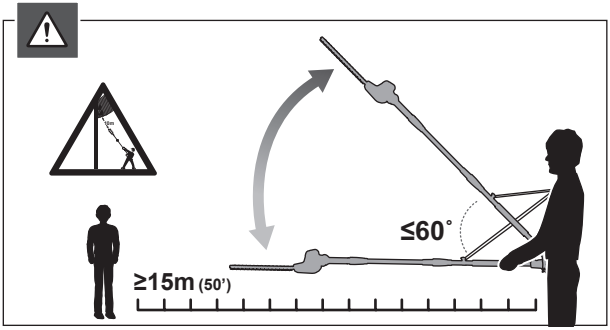
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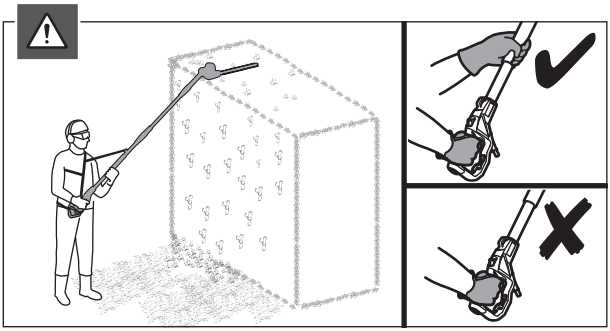


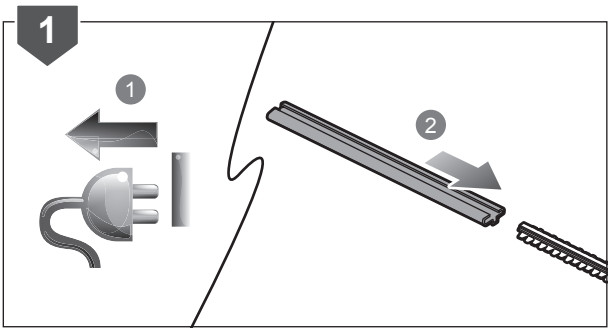
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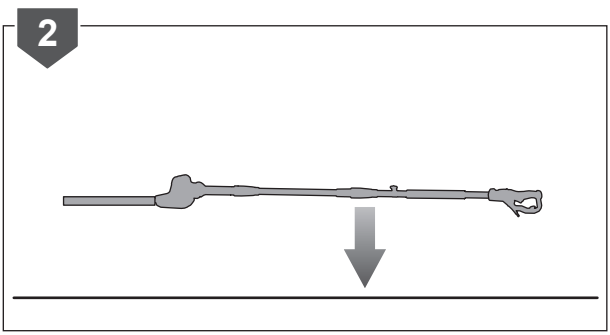


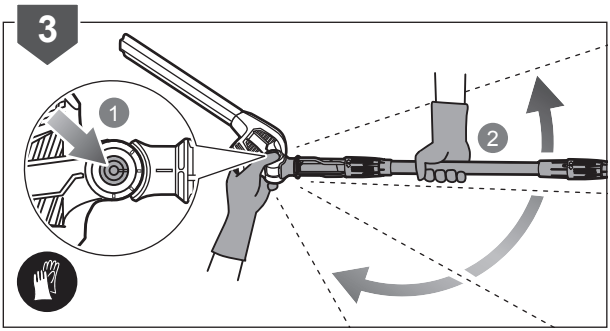


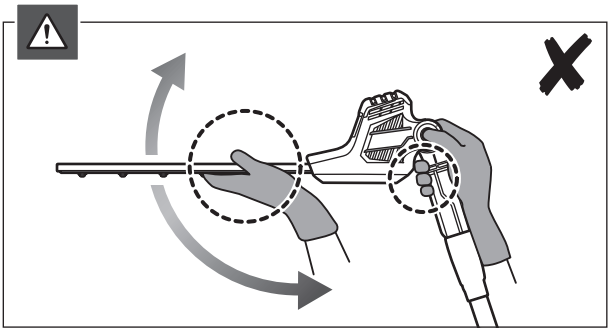

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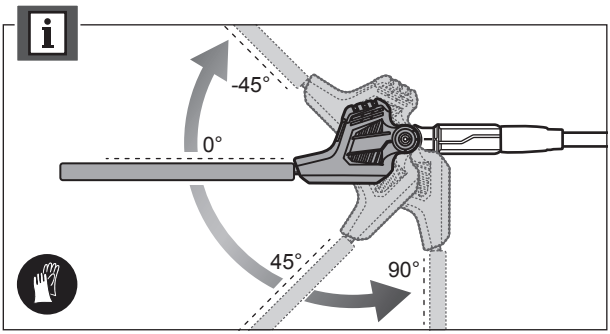


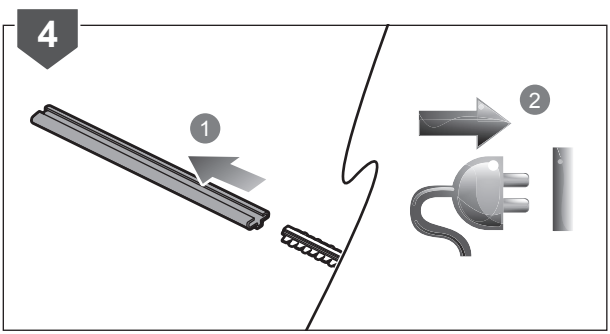

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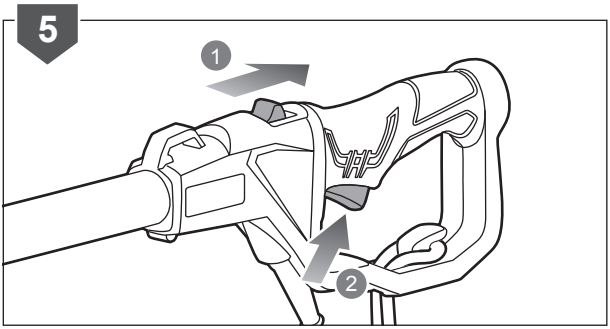

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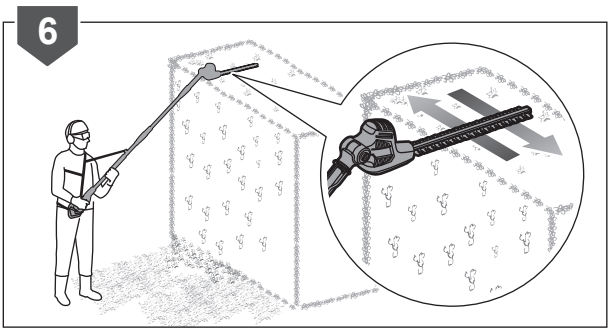

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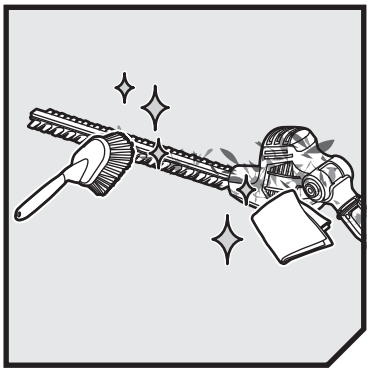


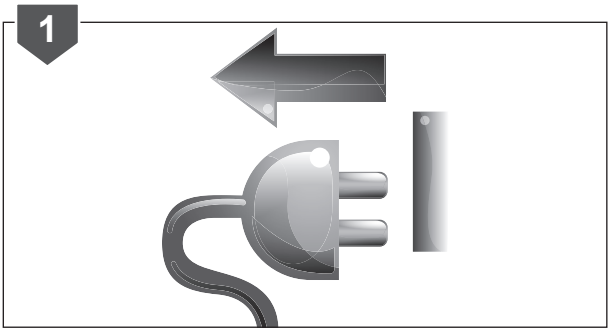

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0°
45°
90°

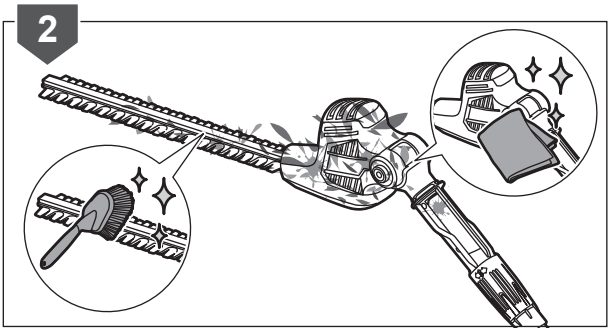

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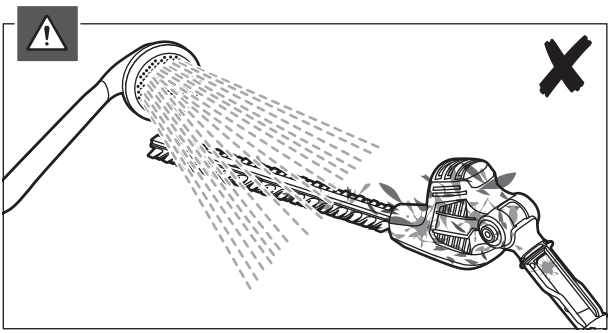

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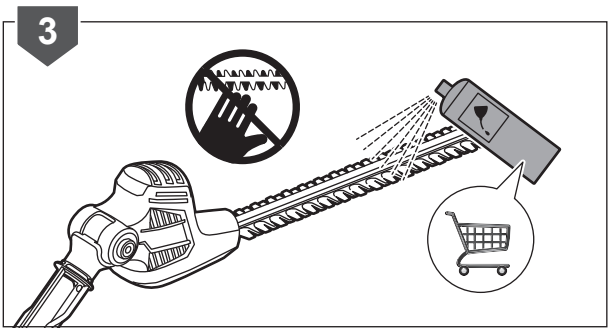

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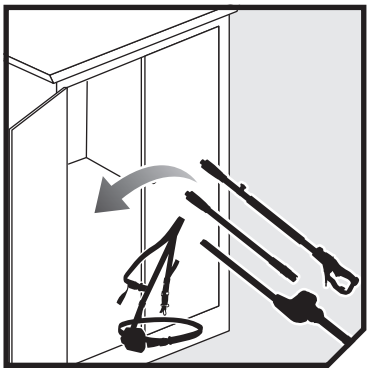


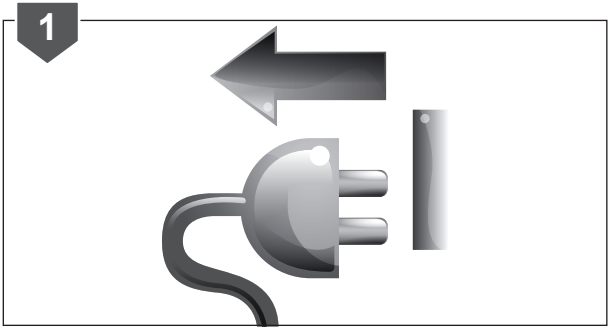

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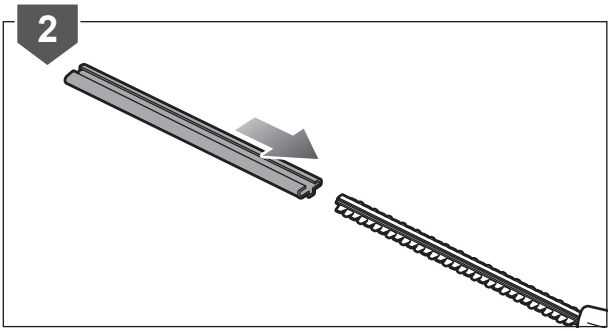

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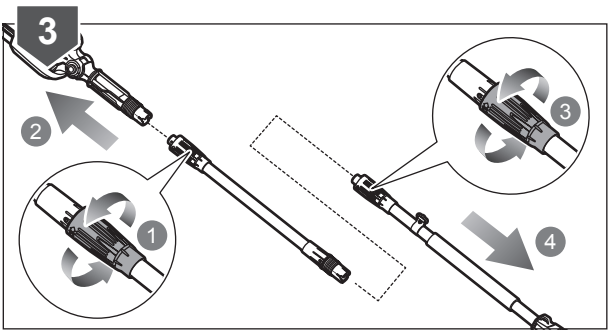


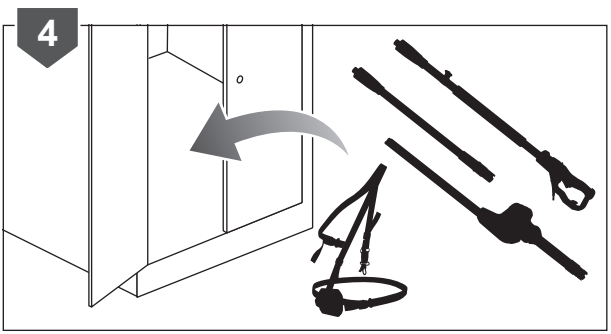

3











20140703v1

PRODUCT SPECIFICATIONS

Model	RPT4545M / RPT4545E
Rated power	450W
Rated voltage	220-240V ~50 Hz
No-load speed	1,700 min^{-1}
Stroke rate at no load	3,400 spm
Usable cutting length	450 mm
Cutting capacity	20 mm
Maximum product working length	2.6 m
Weight (without harness)	4.08 kg
Vibration level (in accordance with annex C of EN ISO 10517:2009+A1:2013)	
Vibration total value	1.4 m/s^2<2.5 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	81.5 dB(A)
Uncertainty of measurement	3 dB
A-weighted sound power level	95.6 dB(A)
Uncertainty of measurement	3 dB

VIBRATION LEVEL

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.

GUARANTEE

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

1. The guarantee period is 24 months for consumers and commences on the date when 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 guarantee provided in case of professional or commercial use.
2. There is, in some cases (i.e. promotion, range of tools), a possibility to extend the warranty period over the period described above using the registration on the www.ryobitools.eu website. The eligibility of the tool is clearly displayed in stores and/or on packaging. The end user needs to register his/her newly-acquired tools online within 8 days from the date of purchase. The end user may register for the extended warranty in his 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 the data which are required to enter online and they have to 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. Your statutory rights remain unaffected.
3. The guarantee covers all defects of the product during the warranty period due to defaults in workmanship or material at the purchase date. The guarantee 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 being incorrectly connected. This guarantee does not apply to:
   - any damage to the product that is the result of improper 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 non CE product
   - any product which has been attempted to be repaired by an non-qualified professional or without prior authorization by Techtronic Industries
   - any product connected to improper power supply (amps, voltage, frequency)
   - any product used with inappropriate fuel mixture (fuel, oil, percentage of oil)
   - any damage caused by external influences (chemical, physical, shocks) or foreign substances
   - normal wear and tear of spare parts
   - inappropriate use, overloading of the tool
   - use of non-approved accessories or parts
   - carburettor after 6 months, carburettor adjustments after 6 months
   - 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 authorized 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 guarantee is free of charge. It does not constitute an extension or a new start of the guarantee period. Exchanged parts or tools become our property. In some countries delivery charges or postage will have to be paid by the sender.
6. This guarantee is valid in the European Community, Switzerland, Iceland, Norway, Liechtenstein, Turkey and Russia. Outside these areas, please contact your authorized 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://uk.ryobitools.eu/header/service-and-support/service-agents.

DECLARATION OF CONFORMITY

Techtronic Industries GmbH
Max-Eyth-Strasse 10, D-71364 Winnenden, Germany

Herewith we declare that the product

Electric Pole Hedge Trimmer
Brand: Ryobi
Model number: RPT4545E/RPT4545M
Serial number range:
RPT4545E: 44431101000001 - 44431101999999
RPT4545M: 44430901000001 - 44430901999999

is in conformity with the following European Directives and harmonised standards

2006/42/EC, 2004/108/EC, 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, EN 55014-2:1997+A1:2001+A2:2008, EN 61000-3-2:2006+A1:2009+A2:2009, EN 61000-3-3:2013, EN 50581:2012

Measured sound power level 95.3 dB(A)
Guaranteed sound power level 96 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, Jul. 15, 2014

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


RYOBI