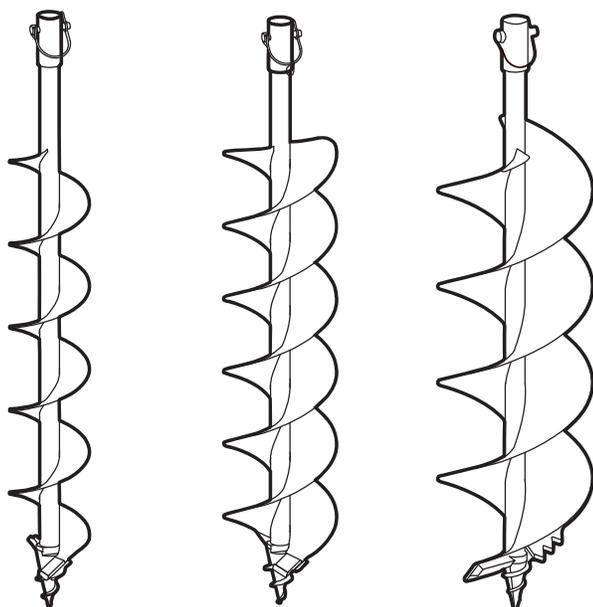


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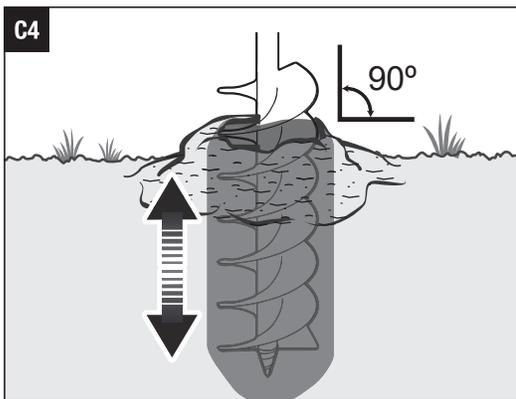
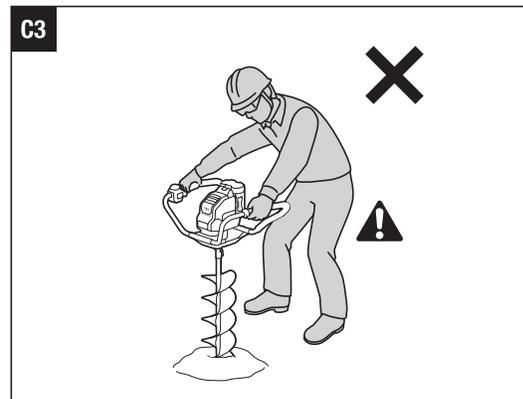
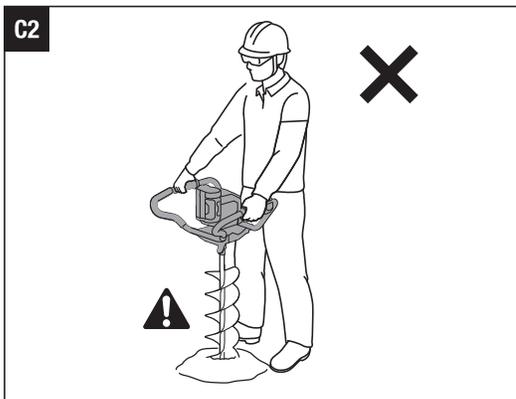
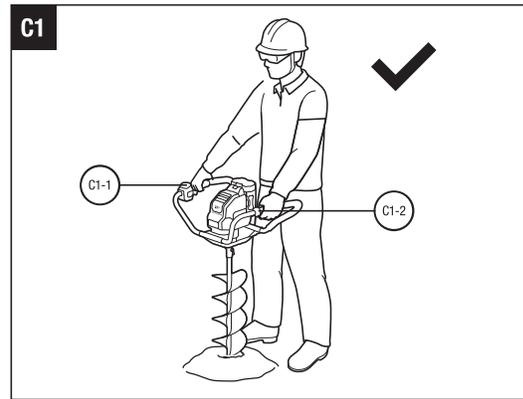
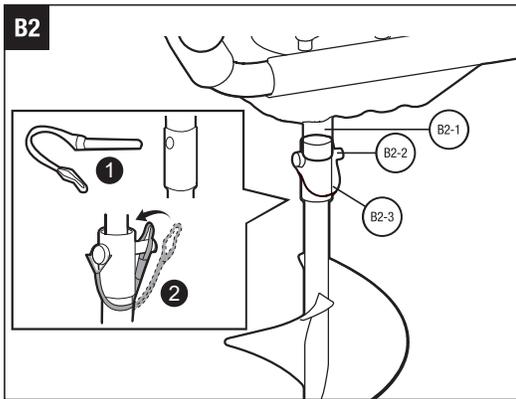
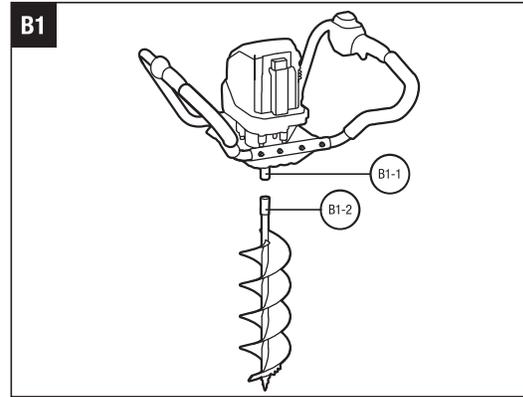
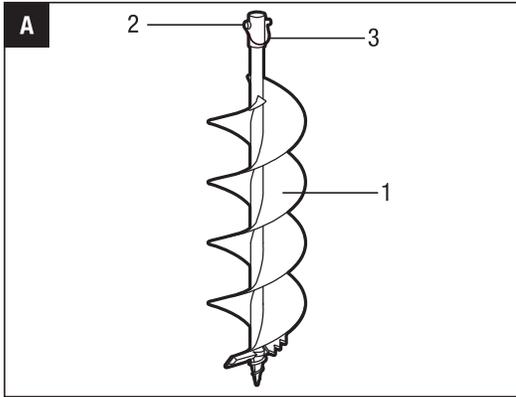
POWER+ AUGER



ETA0400E/ ETA0600E/ ETA0800E

56V LITHIUM-ION EARTH AUGER BIT

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READ ALL INSTRUCTIONS!



READ OPERATOR'S MANUAL

⚠ WARNING: To ensure safety and reliability, all repairs should be performed by a qualified service technician.

SAFETY SYMBOLS

The purpose of safety symbols is to attract your attention to possible dangers. The safety symbols and the explanations with them deserve your careful attention and understanding. The symbol warnings do not, by themselves, eliminate any danger. The instructions and warnings they give are no substitutes for proper accident prevention measures.

⚠ WARNING: Be sure to read and understand all safety instructions in this Operator's Manual, including all safety alert symbols such as "DANGER," "WARNING," and "CAUTION" before using this machine. Failure to follow all instructions listed below may result in electric shock, fire, and/or serious personal injury.

SAFETY INSTRUCTIONS

This page depicts and describes safety symbols that may appear on this product. Read, understand, and follow all instructions on the machine before attempting to assemble and operate.



Safety Alert



To reduce the risk of injury, user must read the operator's manual.



Wear Ear Protection



Wear Eye Protection



Waste electrical products should not be disposed of with household waste. Take to an authorized recycler.



This product is in accordance with applicable EC directives.



Direct Current



UK Conformity Assessed

V Voltage

kg Kilogram

°C Celsius

mm Millimeter

/min Revolutions per minute

IPX4 Protection from splashing water

GENERAL MACHINE SAFETY WARNINGS

⚠ WARNING: Read all safety warnings, instructions, illustrations and specifications provided with this machine. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

Save all warnings and instructions for future reference.

WORK AREA SAFETY

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

ELECTRICAL SAFETY

- **Machine plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) machines.** 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 machines to rain or wet conditions.** Water entering a machine will increase the risk of electric shock.
- **Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the machine. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- **When operating a machine 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 machine in a damp location is unavoidable, use a Ground-fault circuit interrupter protected supply.** Use of a GFCI reduces the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a machine. Do not use a machine while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating machines may result in serious personal injury.
- **Use personal protective equipment. Always wear eye protection. Protective equipment such as a 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 machine.** Carrying machines with your finger on the switch or energising machines that have the switch on invites accidents.
- **Remove any adjusting key or wrench before turning the machine on.** A wrench or a key left attached to a rotating part of the machine may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** This enables better control of the machine in unexpected situations.
- **Dress properly. Do not wear loose clothing or jewellery. Keep your hair and clothing 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.
- **Do not let familiarity gained from frequent use of machines allow you to become complacent and ignore machine safety principles.** A careless action can cause severe injury within a fraction of a second.

MACHINE USE AND CARE

- **Do not force the machine. Use the correct machine for your application.** The correct machine will do the job better and safer at the rate for which it was designed.
- **Do not use the machine if the switch does not turn it on and off.** Any machine that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the machine before making any adjustments, changing accessories, or storing machines.** Such

preventive safety measures reduce the risk of starting the machine accidentally.

- **Store idle machines out of the reach of children and do not allow persons unfamiliar with the machine or these instructions to operate the machine.** Machines are dangerous in the hands of untrained users.
- **Maintain machines and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the machine's operation. If damaged, have the machine repaired before use.** Many accidents are caused by poorly maintained machines.
- **Keep cutting machines sharp and clean.** Properly maintained cutting machines with sharp cutting edges are less likely to bind and are easier to control.
- **Use the machine, accessories and machine bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the machine for operations different from those intended could result in a hazardous situation.
- **Keep handles and grasping surfaces dry, clean and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the machine in unexpected situations.

BATTERY MACHINE 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 machines 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.
- **Do not use a battery pack or machine 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 machine to fire or excessive temperature.** Exposure to fire or temperature above 130 °C may cause explosion.
- **Follow all charging instructions and do not charge the battery pack or machine 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.

SERVICE

- **Have your machine serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the machine is maintained.
- **Never service damaged battery packs.** Service of battery packs should only be performed by the manufacturer or authorized service providers.

SAFETY WARNINGS FOR EARTH AUGER

- **Replace augers if cracked, bent, or damaged in any way.** Operating the machine with a damaged auger can result in serious injury.
- **Never use the auger with the handles above waist level.** This restricts control of the auger and may increase the risk of injury.
- **Hold the machine with both hands at the intended handles.** Loss of control can cause personal injury.
- **Hold the machine by insulated gripping surfaces, when performing an operation where the digging accessory may contact hidden wiring.** Digging accessory contacting a “live” wire may make exposed metal parts of the machine “live” and could give the operator an electric shock.
- **To reduce the risk of electrocution, never use the auger near any buried electrical power cables.** Contact with or use near buried electrical power cables may cause serious injury or electric shock resulting in death.
- **Always start the machine at low speed and with the auger bit tip in contact with the ground.** At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the ground, resulting in personal injury.
- **Apply pressure only in direct line with the bit and do not apply excessive pressure.** Bits can bend causing breakage or loss of control, resulting in personal injury.

- **Always be sure you have a firm footing.** Be sure no one is below when using the machine in high locations.
- **Hold the machine firmly.**
- **Keep hands away from rotating parts.**
- **Do not leave the machine running. Operate the machine only when hand-held.**
- **Do not touch the auger bit immediately after operation.** It may be extremely hot and could burn your skin.
- **If something is wrong with the machine, such as abnormal sounds, stop operating immediately and contact your local service center for repair.**
- **To reduce the risk of explosion, never use the auger near any buried gas lines, including water lines and pipes.** Contact with or use near buried water or gas lines may result in bursting of water lines and explosion from gas lines which may cause serious injury or death.
- **Never operate at higher speed than the maximum speed rating of the auger bit.** At higher speeds, the bit is likely to bend if allowed to rotate freely without contacting the workpiece, resulting in personal injury.
- **Battery-operated machines do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards even when the machine is not operating.** Take care when performing maintenance or service.
- **Do not wash with a hose; avoid getting water in motor and electrical connections.**
- **Use only with the specified battery packs and chargers.**

Save these instructions. Refer to them frequently and use them to instruct others who may use this machine. If you lend someone this machine, lend them these instructions also to prevent misuse of the product and possible injury.

SPECIFICATIONS

Auger Bit/Hole Diameter	100 mm (ETA0400E) 150 mm (ETA0600E) 200 mm (ETA0800E)
Maximum Drilling Depth	800 mm
Weight (Without battery pack)	2.4 kg (ETA0400E) 4.1 kg (ETA0600E) 5.2 kg (ETA0800E)

Recommended Operating Temperature	-20°C - 40°C	
Recommended Storage Temperature	-40°C - 70°C	
Sound power level L_{WA}	97.6 dB(A) K=3 dB(A)	
Sound pressure level L_{PA}	89.6 dB(A) K=3 dB(A)	
Vibration a_h	Right handle	3.09 m/s ² K=1.5 m/s ²
	Left handle	3.44 m/s ² K=1.5 m/s ²

- The declared vibration total value has been measured in accordance with a standard test method and may be used for comparing one machine with another;
- The declared vibration total value may also be used in a preliminary assessment of exposure.

NOTICE: The vibration emission during actual use of the machine can differ from the declared value in which the machine is used; In order to protect the operator, user should wear gloves and ear protectors in the actual conditions of use.

RECOMMENDED ACCESSORIES

⚠ WARNING: Use only accessories listed below. Use of accessories that do not meet the original equipment specifications may lead to improper performance and compromised safety.

PART NAME	MODEL NUMBER
Auger Bit Extension	ABE2000

PACKING LIST (FIG. A)

DESCRIPTION

KNOW YOUR EARTH AUGER BIT (Fig. A)

1. Earth Auger Bit
2. Locking Pin
3. Pin Clip

ASSEMBLY

INSTALLING THE EARTH AUGER BIT

⚠ WARNING: The auger bit is very sharp. To prevent personal injury, exercise extreme caution when cleaning, installing, or removing the auger bit. Always wear protective gloves when performing maintenance on the auger bit.

1. Remove the locking pin with pin clip from the earth auger bit.
2. Mount the upper end of the auger bit onto the drive shaft of the power head (Fig. B1).
3. Align the connection holes on the auger bit and drive shaft.
4. Insert the locking pin through the aligned connection holes.
5. Close the pin clip to prevent the locking pin from falling out (Fig. B2).

B1-1	Drive Shaft	B1-2	Upper End of the Auger Bit
B2-1	Drive Shaft	B2-2	Locking Pin
B2-3	Pin Clip		

OPERATION

APPLICATION

You may use this product for the purposes listed below:

- Drilling holes in soil using the earth auger bit.

STARTING/STOPPING THE EARTH AUGER

See “**STARTING/STOPPING THE POWER HEAD**” section in the power head PHA7400E operator’s manual.

WORKING WITH THE EARTH AUGER

⚠ WARNING:

- Contact local utility for underground service marking before using machine to avoid contact with underground utilities.
- Do not use the earth auger for anything other than its intended purpose.
- Use the earth auger only for drilling holes in soil.
- Avoid digging in material that you suspect contains hidden nails or other things that may cause the auger bit to bind or break.
- Stay alert to the torque reaction force of the machine. Always keep the operating position that you can withstand the torque reaction force.

- Be extremely cautious when working on slopes or uneven surface.

NOTICE: Before operating, check that there is no foreign matter (sand, dirt, etc.) stuck in the openings or moving parts.

- a. Make sure feet are firmly planted above the work surface and stand with the handles close to waist. Firmly hold the right handle with your right hand and the left handle with your left hand (Fig. C1).

C1-1	Right Handle	C1-2	Left Handle
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⚠ WARNING: Never hold the right handle with your left hand and the left handle with your right hand. Improper hand positions may result in serious injury (Fig. C2).

⚠ WARNING: Avoid improper positioning (Fig. C3). Do not stand too far from the machine. Proper reaction and control may not be achieved in the event of kickback.

- b. Keep the auger bit away from your body and the auger bit pointing downward at a 90° angle to the surface.
 - c. Set the direction of rotation and rotation speed.
 - d. Lift the machine above the surface. Press and hold the lock-off button and squeeze the switch trigger.
- ⚠ WARNING:** Do not touch the auger bit when the product is switched on.
- e. Allow the auger to gain full speed.
 - f. Lower the auger bit into the surface maintaining the 90° angle (Fig. C4). Allow the auger bit to bite into the material, letting the machine do the work.
 - g. As the auger bit begins to fill with debris, it is important to constantly clear it to produce a clean cut and reduce the amount of effort required – while the auger is operating at full speed, slowly lift it from the hole and allow the debris to clear from the auger bit.
 - h. After using this machine, release the trigger switch and allow the auger to come to a complete stop.
 - i. When leaving the machine, such as during a break, do not leave the machine inserted in the soil or lean it against a wall.

TIPS FOR USING THE EARTH AUGER

- Pressing excessively on the machine will not speed up the digging. Excessive pressure will only serve to damage the tip of the auger bit, decrease the machine performance, and shorten the service life of the machine.

EN

- When drilling a deep hole or drilling in clay soil, do not try to dig at once. Dig the hole by lifting the machine up and down so that the loose soil in the hole can be discharged.
- If the rotation speed of the machine slows down due to high load operation, lift the machine up little, and move the machine up and down to drill in small steps.

MAINTENANCE

⚠ WARNING: To prevent serious personal injury, remove the battery pack from the product before servicing, cleaning, changing attachments, or removing material from the unit.

GENERAL MAINTENANCE

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, dust, oil, grease, etc.

⚠ WARNING: Do not at any time allow brake fluids, gasoline, petroleum-based products, penetrating oils, etc. to come in contact with plastic parts. Chemicals can damage, weaken or destroy plastic which may result in serious personal injury.

STORING THE EARTH AUGER BIT

1. Remove the battery pack.
2. Remove the auger bit from the drive shaft of the power head.
3. Clean the auger bit thoroughly before storing it.
4. Store the auger bit in a dry, well-ventilated area, locked-up or up high, out of the reach of children. Do not store the auger bit on or adjacent to fertilizers, gasoline, or other chemicals.

Protecting the environment



Do not dispose of electrical equipment, used battery and charger into household waste! Take this product to an authorized recycler and make it available for separate collection. Electric tools must be returned to an environmentally compatible recycling facility.

TROUBLESHOOTING

EN

PROBLEM	CAUSE	SOLUTION
Machine fails to start or stops unexpectedly.	<ul style="list-style-type: none"> ■ Low battery pack capacity. ■ Battery pack is overheated or too cold. ■ The right handle cable is not connected with the power head cable properly. 	<ul style="list-style-type: none"> ■ Charge the battery pack. ■ Wait for the battery pack to cool down or warm up, at which point the auger can be started again. ■ Connect the cables of the right handle and the power head following the section “INSTALLING THE HANDLES” in the power head PHA7400E operator’s manual.
There is too much noise and/or vibration during operation.	<ul style="list-style-type: none"> ■ Some parts are loose. 	<ul style="list-style-type: none"> ■ Stop the auger, remove the battery pack, check and tighten loose parts.
Motor runs, but auger bit remains stationary.	<ul style="list-style-type: none"> ■ Loose auger bit. 	<ul style="list-style-type: none"> ■ Reinstall the auger bit following the section “INSTALLING THE EARTH AUGER BIT” in this manual.
The auger rotation direction or speed is not switched after pushing the rotation direction/speed selector.	<ul style="list-style-type: none"> ■ Switching direction of rotation between forward and reverse is only possible when the auger is stopped. ■ Other unidentified causes. 	<ul style="list-style-type: none"> ■ Stop the auger completely, push the rotation direction/speed selector to desired rotation and then start the auger again. ■ Contact EGO service for repair.

WARRANTY

EGO WARRANTY POLICY

Please visit the website egopowerplus.eu for full terms and conditions of the EGO Warranty policy.