

AEG

POWERTOOLS

PM 10 E

Original instructions

原始的指南

8



PM10E SDS-Max

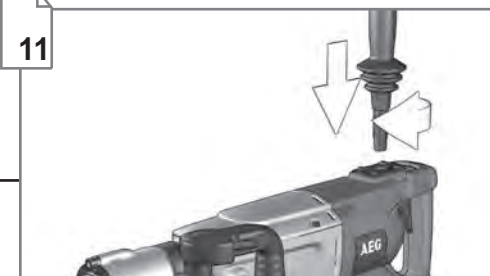


PN11E SDS-Max

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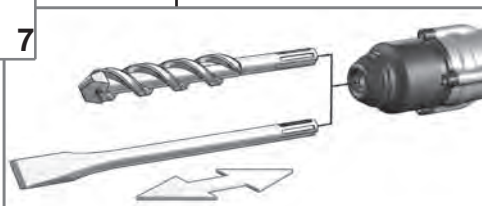
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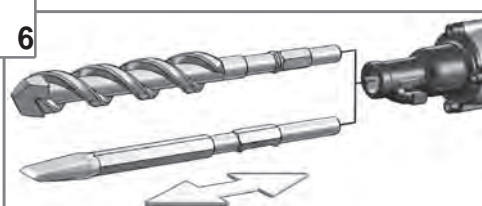
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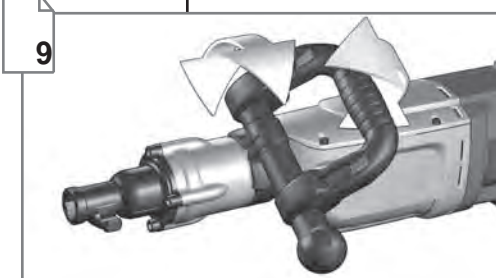
PM10E SDS-Max
PN11E SDS-Max

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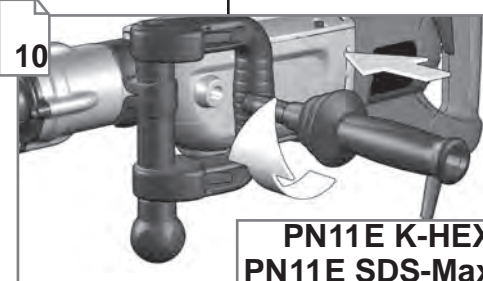


PN11E K-HEX

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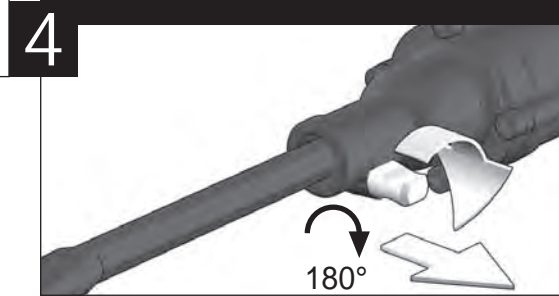
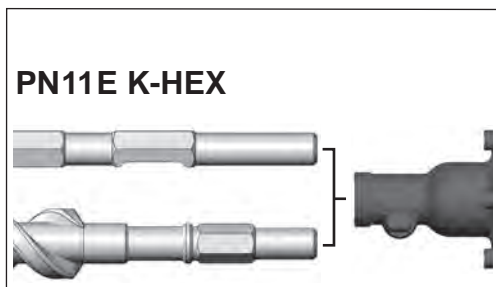
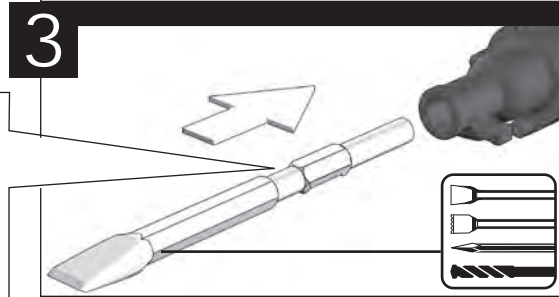
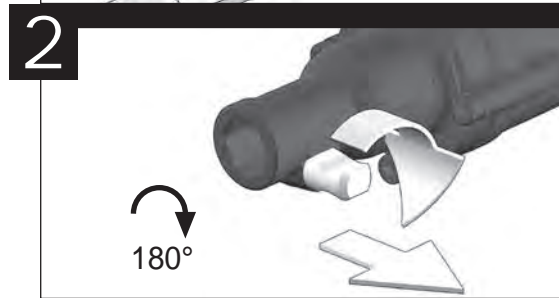


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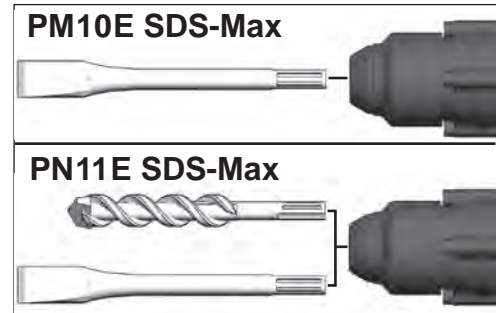
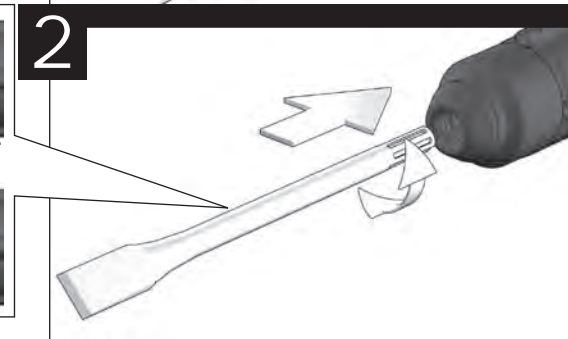
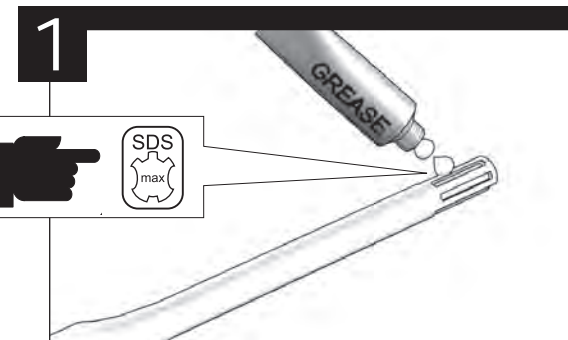
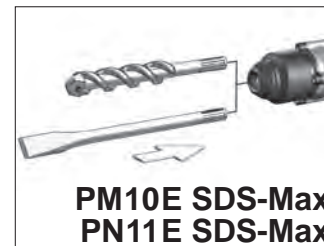
PN11E K-HEX
PN11E SDS-Max

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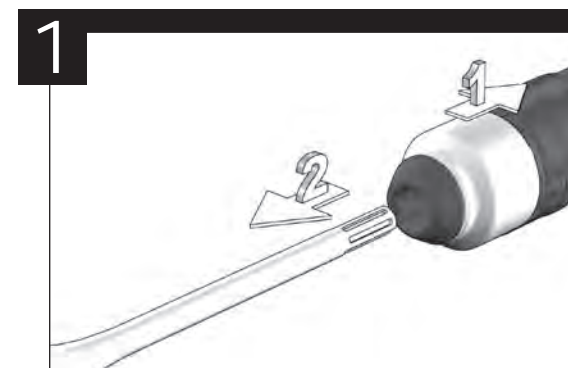
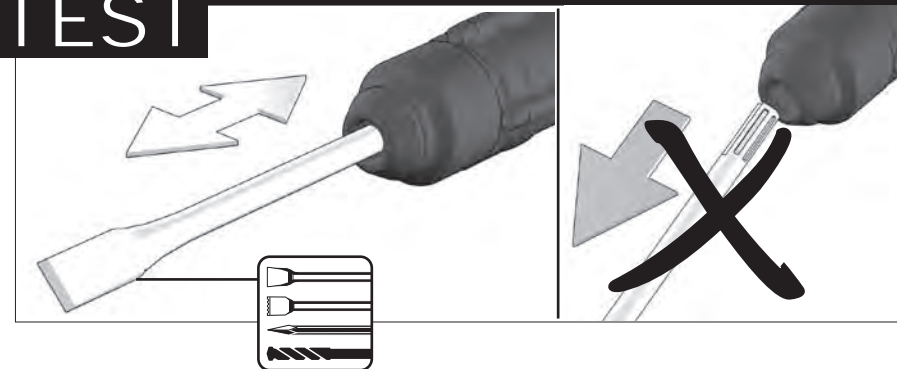


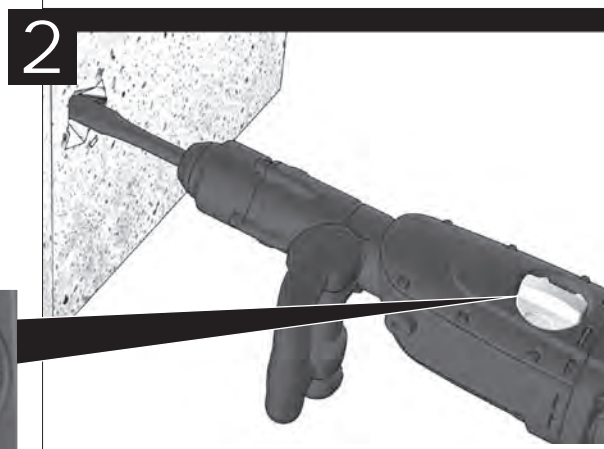
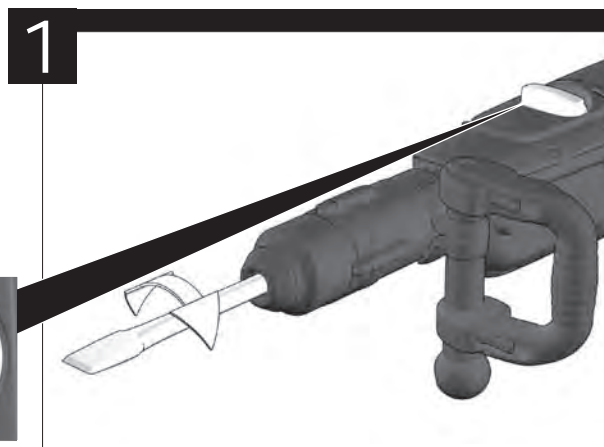
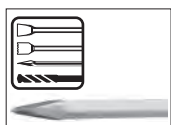
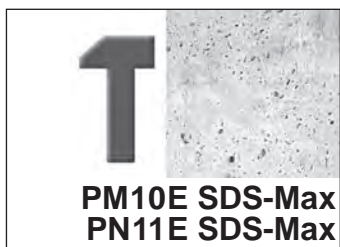
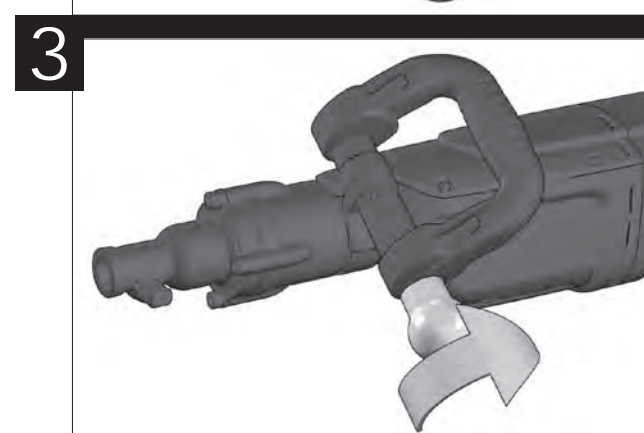
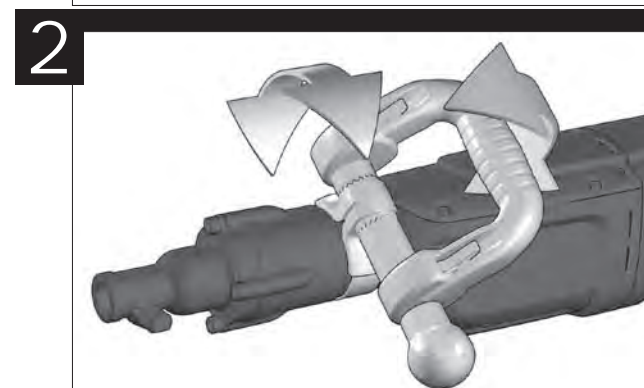
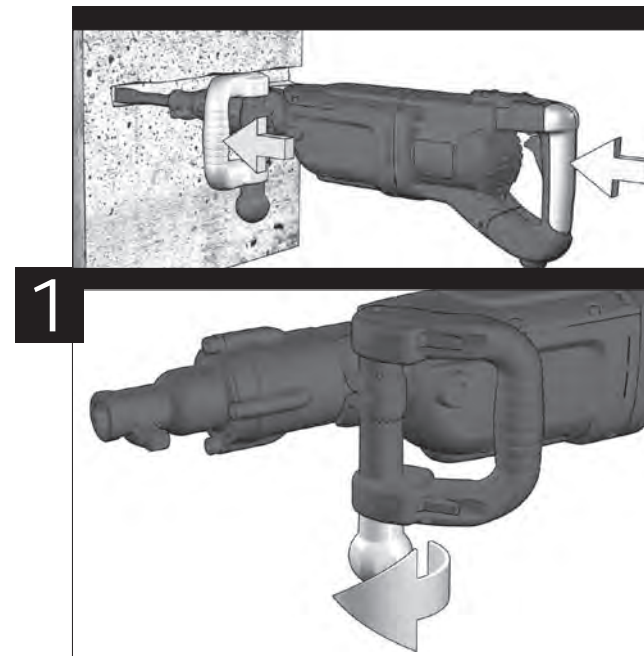
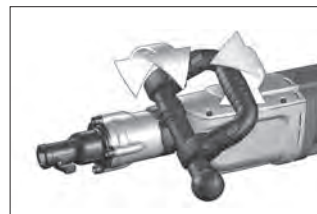
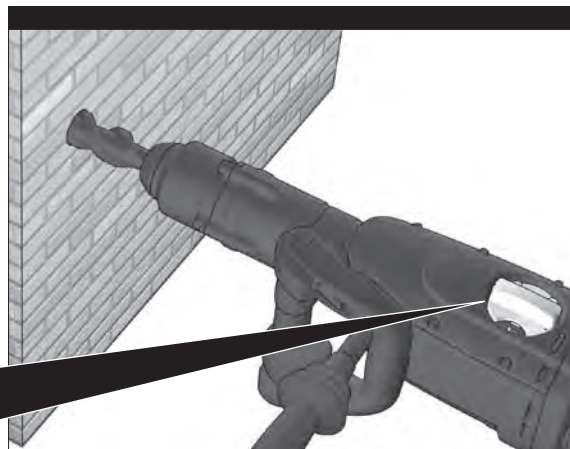
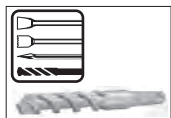


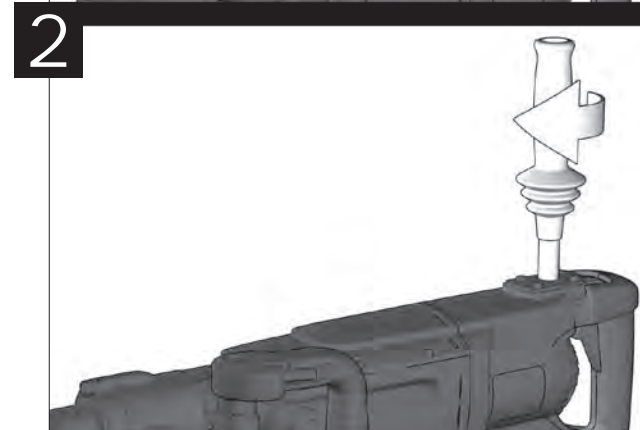
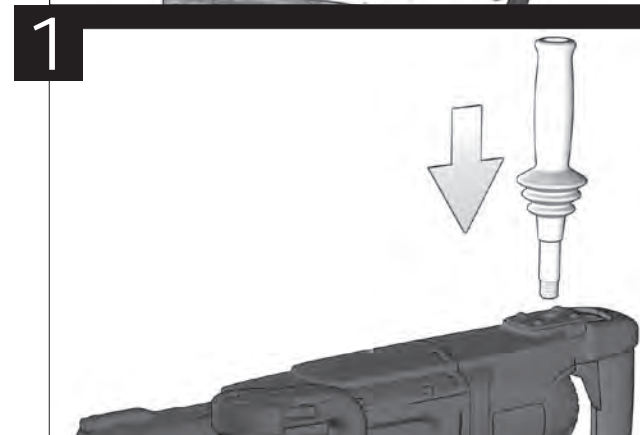
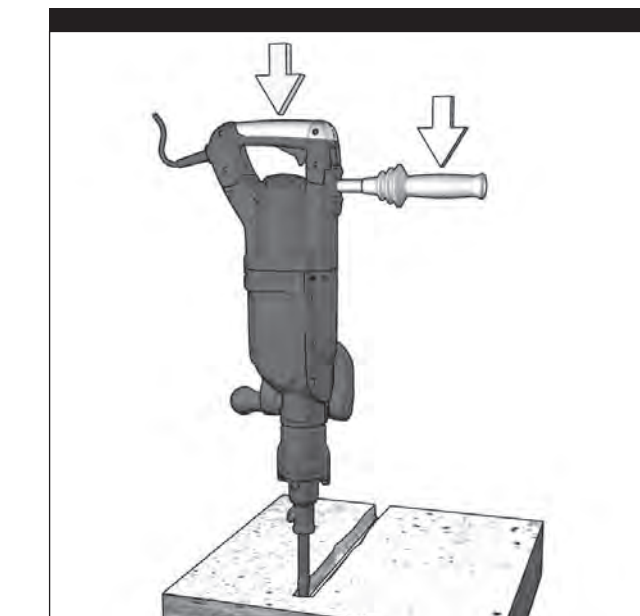
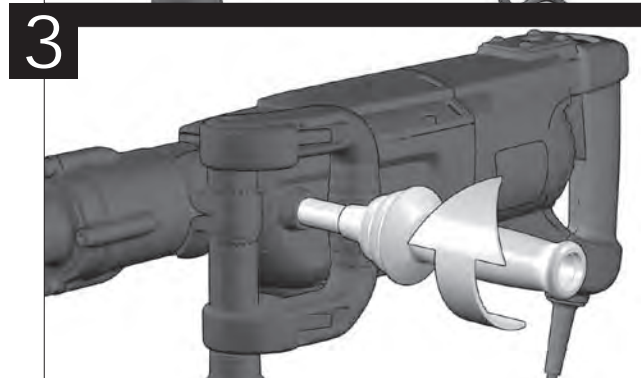
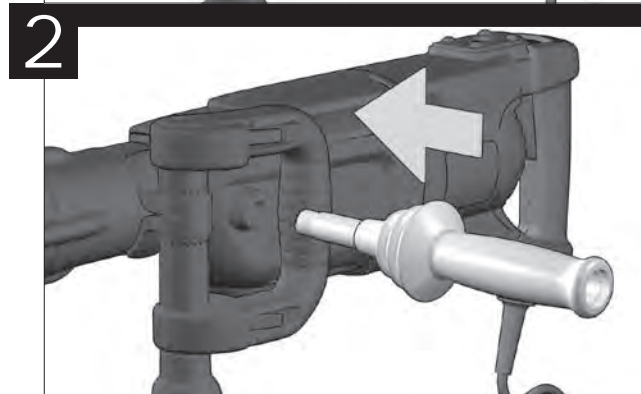
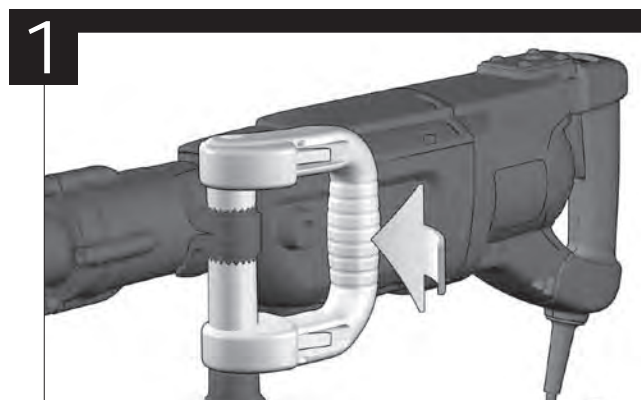
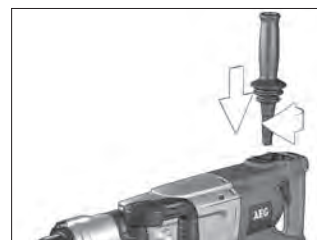
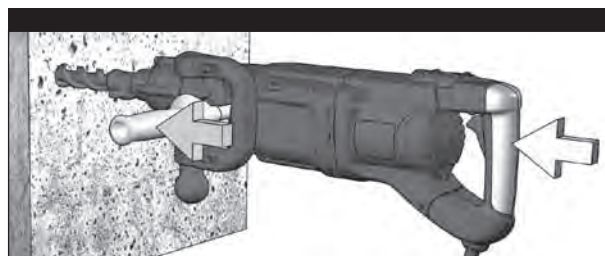
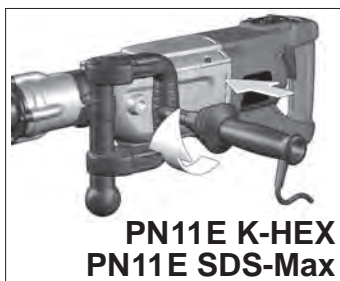
检查 TEST



检查 TEST

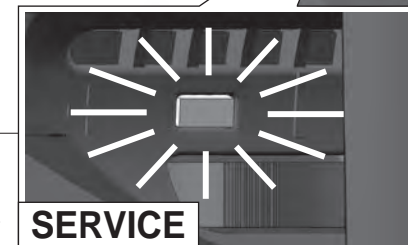
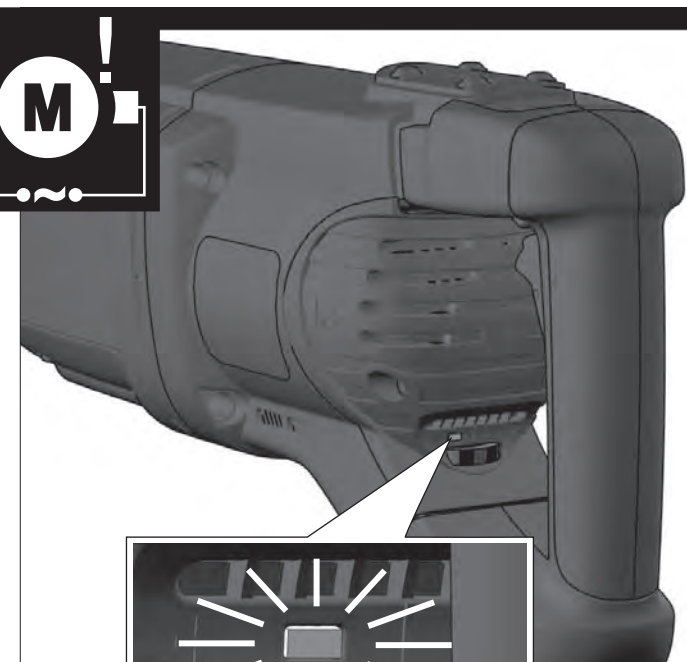
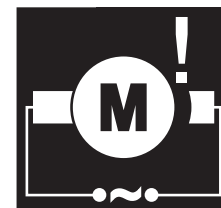
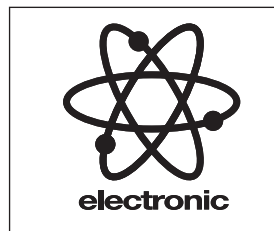
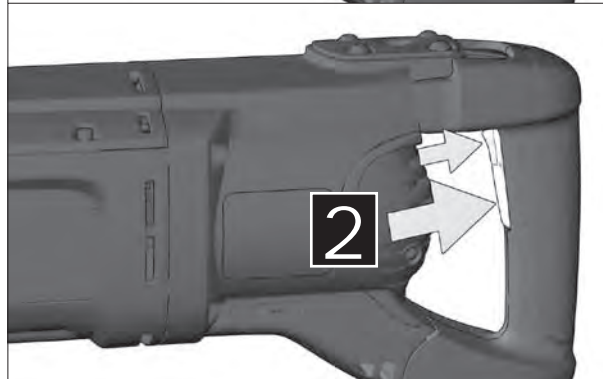
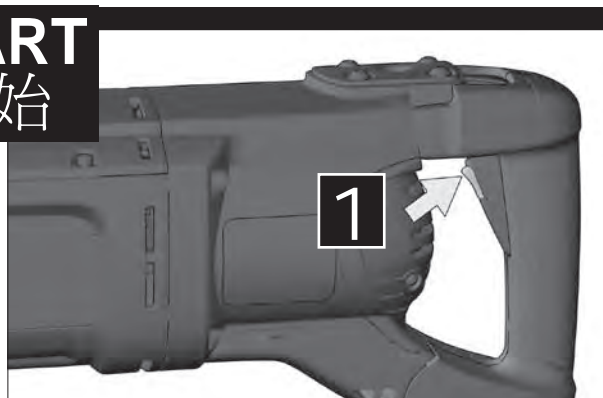








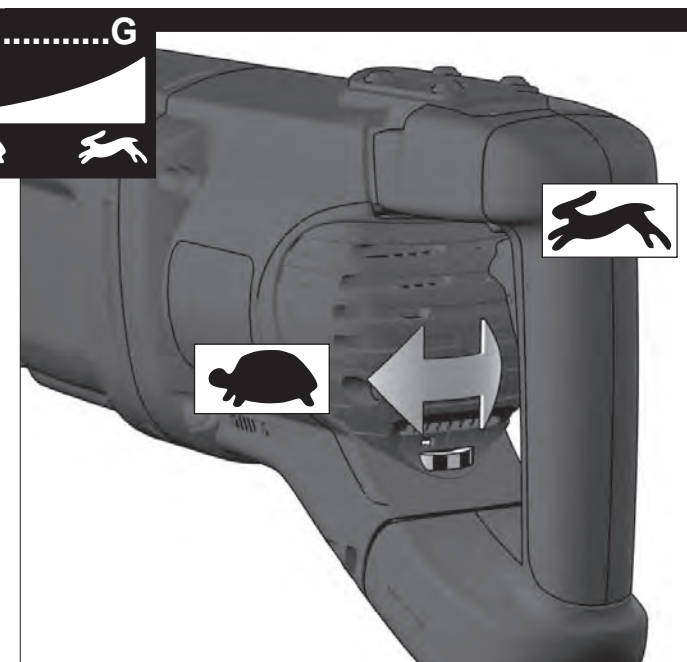
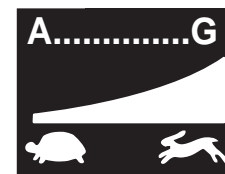
START
开始



需要维修

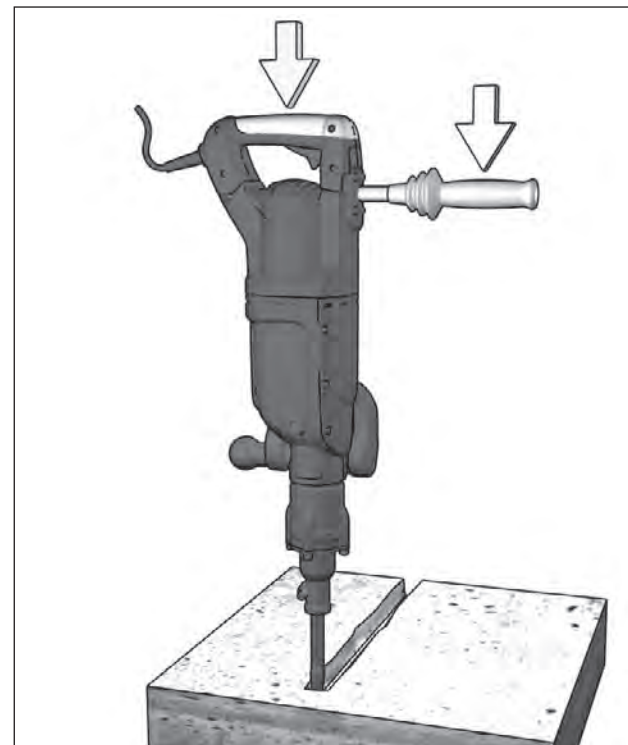
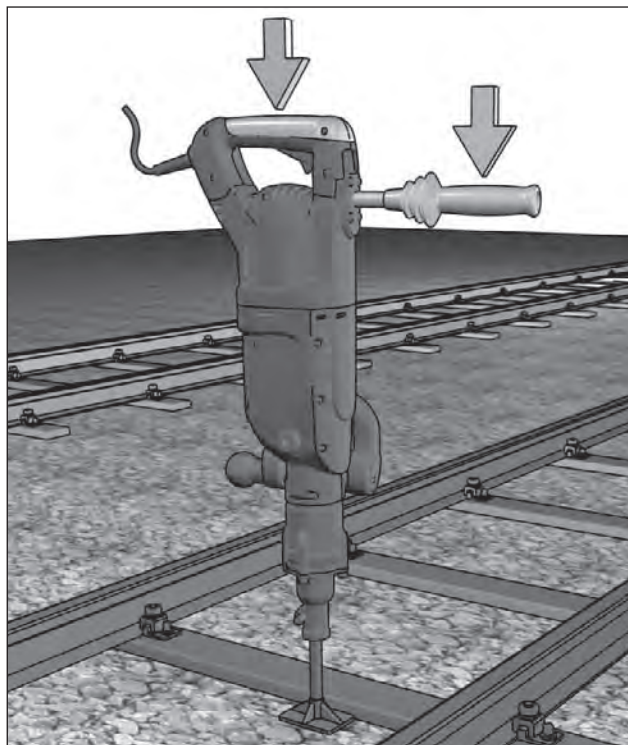
SERVICE

STOP
停止

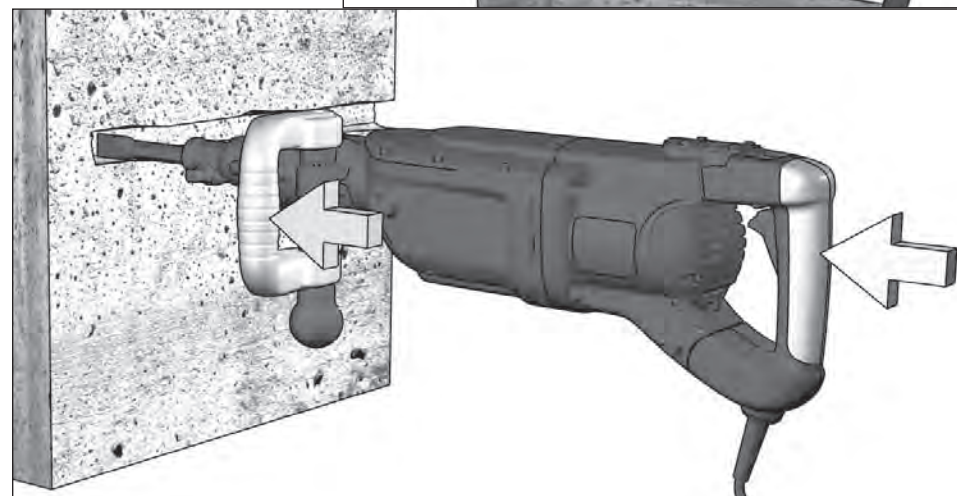
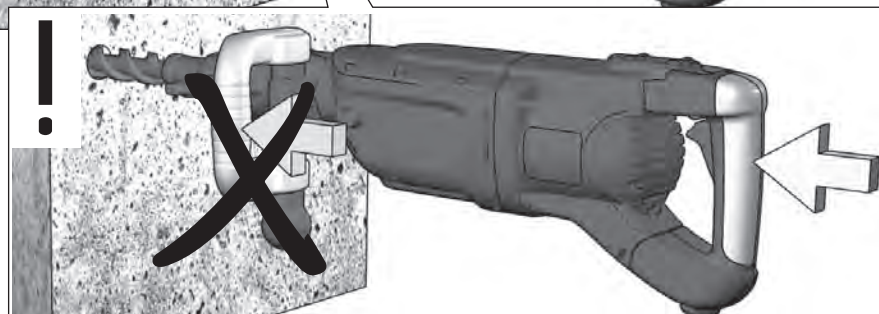
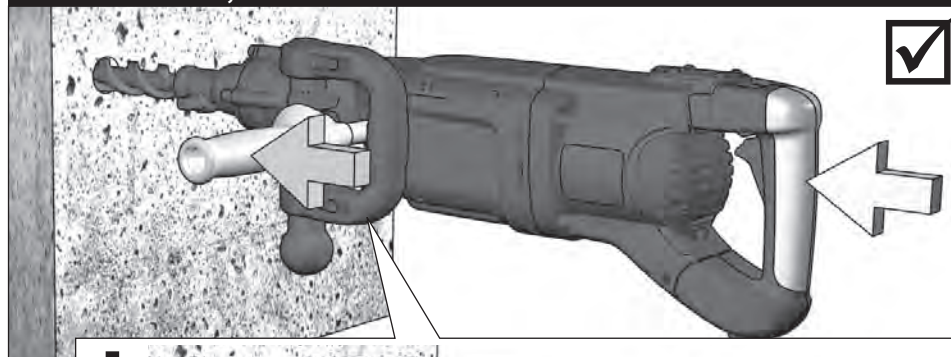




提示



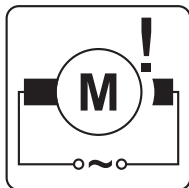
PN11E K-HEX, PN11E SDS-Max



SERVICE



维修

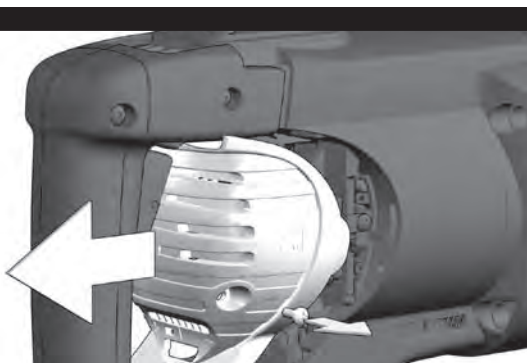


AUTOMATIC
STOP
自动停止

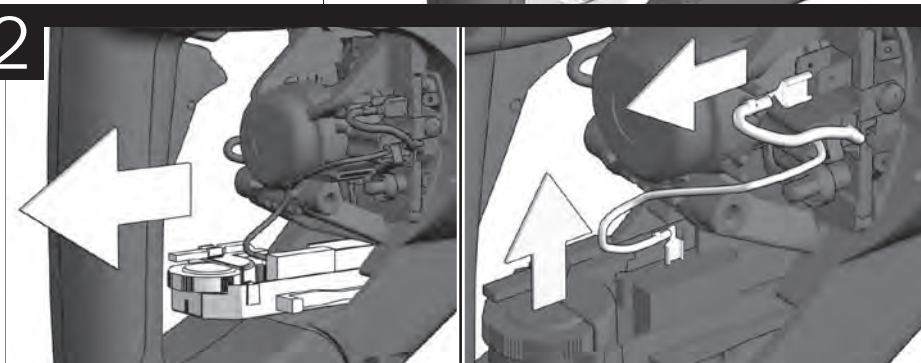
SERVICE
维修



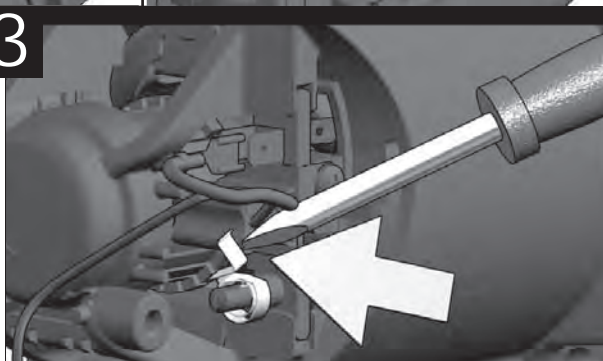
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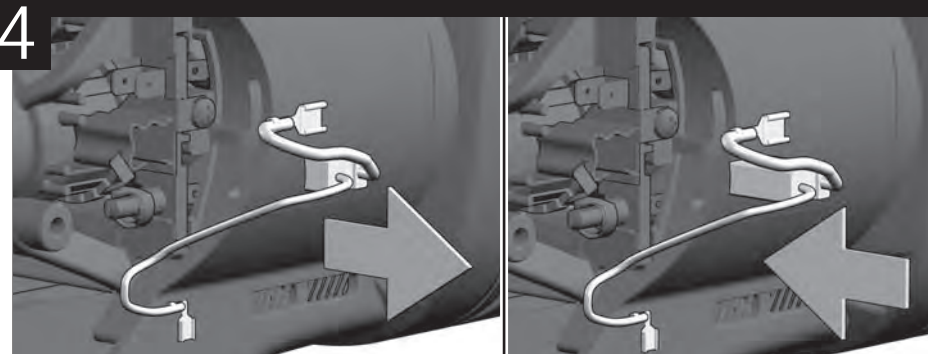
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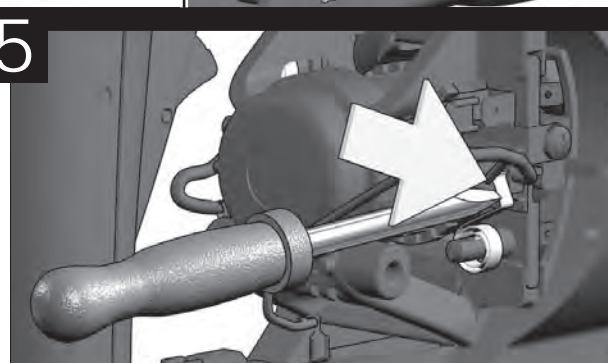
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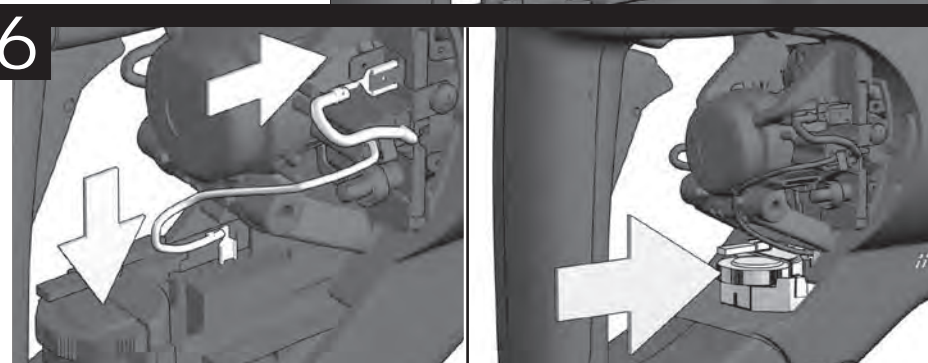
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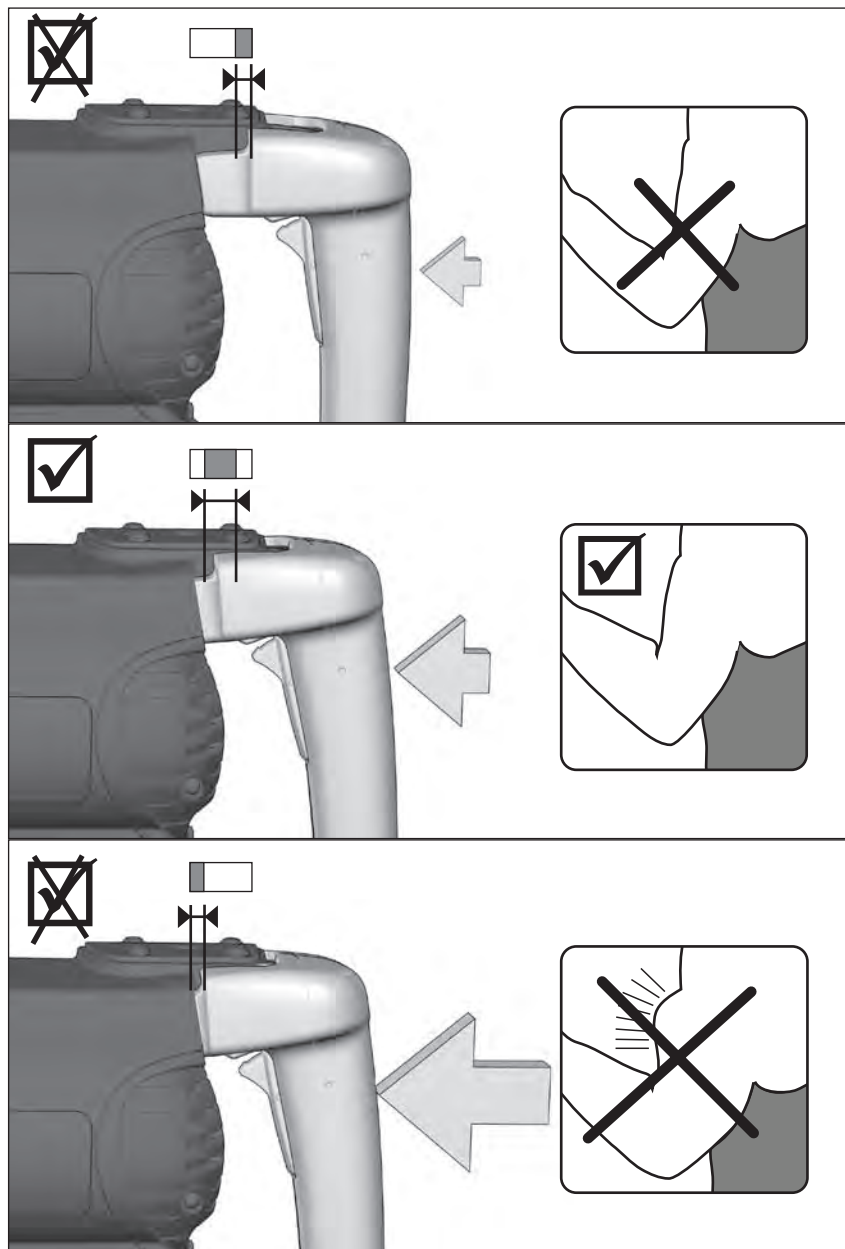


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TECHNICAL DATA	PN 11 E	PM 10 E
Rated input	1700 W	1600 W
Output	850 W	800 W
No-load speed	125-250 min ⁻¹	-
Speed under load	125-250 min ⁻¹	-
Rate of percussion under load	975-1950 min ⁻¹	975-1950 min ⁻¹
Single impact strength	7-27 J	7-27 J
Drilling capacity in concrete	28-50 mm	-
Tunnel bit in concrete, bricks and limestone	50-80 mm	-
Core cutter in concrete, bricks and limestone	45-150 mm	-
Weight without cable	11,8 kg	11,0 kg
Type of cable	60245 IEC 66	

Noise Information PN 11 E

Measured values determined according to EN 60 745.

Typically, the A-weighted noise levels of the tool are:

Sound pressure level (K=3dB(A)) 100 dB (A)

Sound power level (K=3dB(A)) 111 dB (A)

Wear ear protectors!

Noise Information PM 10 E

Typically the A-weighted sound pressure level of the

tool is 91 dB (A)

Measured values determined according to 2000/14/EG at the user's ear.

2000/14/EC: Conformity assessment procedure according to Annex

VI. Notified Body:

VDE Testing and Certification Institute, Merianstr. 28,

63069 Offenbach, Germany

Measured sound power level 102 dB (A)

Guaranteed sound power level 105 dB (A)

Wear ear protectors!

Vibration Information

Total vibration values (vector sum in the three axes) determined according to EN 60745.

Vibration emission value a_v:

Hammer-drilling in concrete 12,5 m/s²

Uncertainty K = 2 m/s²

Chiselling 11 m/s² 11 m/s²

Uncertainty K = 2 m/s² 2 m/s²

WARNING

The vibration emission level given in this information sheet has been measured in accordance with a standardised test given in EN 60745 and may be used to compare one tool with another. It may be used for a preliminary assessment of exposure.

The declared vibration emission level represents the main applications of the tool. However if the tool is used for different applications, with different accessories or poorly maintained, the vibration emission may differ. This may significantly increase the exposure level over the total working period.

An estimation of the level of exposure to vibration should also take into account the times when the tool is switched off or when it is running but not actually doing the job. This may significantly reduce the exposure level over the total working period.

Identify additional safety measures to protect the operator from the effects of vibration such as: maintain the tool and the accessories, keep the hands warm, organisation of work patterns.

⚠ WARNING! Read all safety warnings and all instructions, including those given in the accompanying brochure. 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.

SAFETY INSTRUCTIONS

Wear ear protectors. Exposure to noise can cause hearing loss.

Use auxiliary handles supplied with the tool. Loss of control can cause personal injury.

Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a live wire may make exposed metal parts of the power tool live and shock the operator.

Appliances used at many different locations including open air must be connected via a current surge preventing switch.

Always wear goggles when using the machine. It is recommended to wear gloves, sturdy non slipping shoes and apron.

Sawdust and splinters must not be removed while the machine is running.

Always disconnect the plug from the socket before carrying out any work on the machine.

Only plug-in when machine is switched off.

Keep mains lead clear from working range of the machine. Always lead the cable away behind you.

When working in walls ceiling, or floor, take care to avoid electric cables and gas or waterpipes.

Under the effect of extreme electromagnetic interferences from the outside, tempo-rary variations in the speed of rotation could arise in particular cases.

The dust that arises when working with this tool can be detrimental to health and therefore not reach the body. Wear a suitable dust protection mask.

SPECIFIED CONDITIONS OF USE

PN 11 E: The pneumatic hammer can be universally used for hammer drilling and chiselling in stone and concrete.

PM 10 E: The hammer can be used for chiselling and demolition.

Do not use this product in any other way as stated for normal use.

EC-DECLARATION OF CONFORMITY

We declare under our sole responsibility that this product is in conformity with the following standards or standardized documents. EN 60745, EN 55014-1, EN 55014-2, EN 61000-3-2, EN 61000-3-3, in accordance with the regulations 98/37/EC, 2004/108/EC, 2000/14/EC (PM 10 E).



Winnenden, 2011-11-02

Rainer Kumpf

Rainer Kumpf
Manager Product Development

Techtronic Industries GmbH

Max-Eyth-Straße 10

D-71364 Winnenden

MAINS CONNECTION

Connect only to single-phase a.c. current and only to the system voltage indicated on the rating plate. It is also possible to connect to sockets without an earthing contact as the design conforms to safety class II.

MAINTENANCE

The ventilation slots of the machine must be kept clear at all times.

Important note! If the carbon brushes are worn, in addition to exchanging the brushes the tool should be sent to after-sales service. This will ensure long service life and top performance.

Use only AEG accessories and spare parts. Should components need to be exchanged which have not been described, please contact one of our AEG service agents (see our list of guarantee/ service addresses).

If needed, an exploded view of the tool can be ordered. Please state the Article No. as well as the machine type printed on the label and order the drawing at your local service agents or directly at: Techtronic Industries GmbH, Max-Eyth-Straße 10, D-71364 Winnenden, Germany.

SYMBOLS



Please read the instructions carefully before starting the machine.



Always disconnect the plug from the socket before carrying out any work on the machine.



Accessory - Not included in standard equipment, available as an accessory.



Do not dispose of electric tools together with household waste material! In observance of European Directive 2002/96/EC on waste electrical and electronic equipment and its implementation in accordance with national law, electric tools that have reached the end of their life must be collected separately and returned to an environmentally compatible recycling facility.

⚠ 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.

1) Work area safety

- a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- b) 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.
- c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

2) Electrical safety

- a) 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.
- b) 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.
- c) Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) 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.
- e) 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.
- f) 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.

3) Personal safety

- a) 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.
- b) 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.
- c) 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.
- d) 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.
- e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) 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.
- g) 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.

4) Power tool use and care

- a) 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.
- b) 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.
- c) 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.
- d) 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.
- e) 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.
- f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) 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.

5) Service

- a) 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.