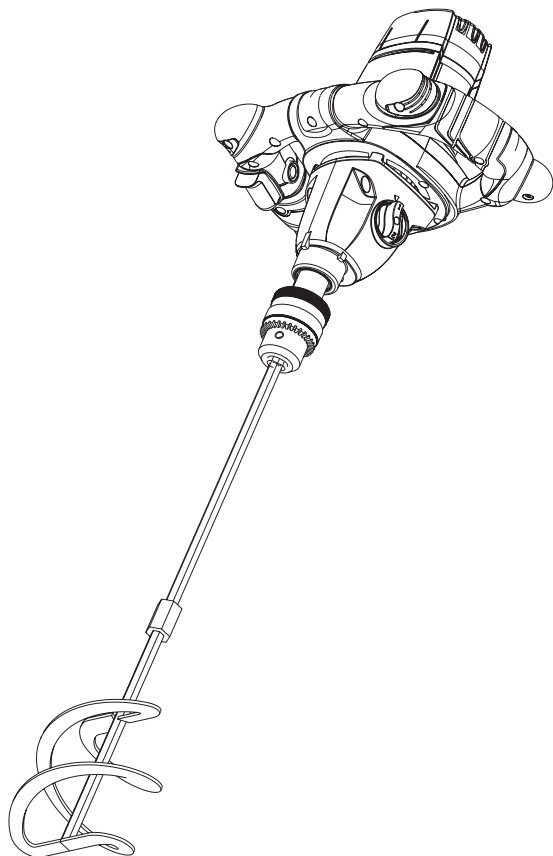


**MAX PERFORMANCE
EXTRA FUN**

MAXXT



R6212C-120-1

INSTRUCTION MANUAL



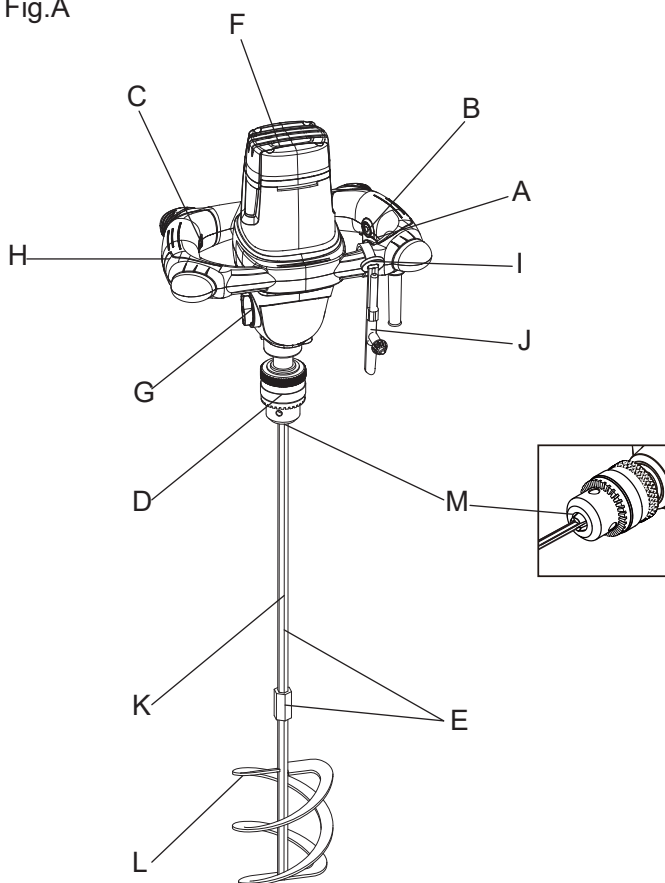
EN

ELECTRIC MUD MIXER

P3-P14

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Fig.A



- A. Switch trigger
- B. Lock-on button
- C. Variable speed wheel
- D. 5/8"(16mm) keyed chuck
- E. Mixing paddle
- F. Ventilation slots
- G. Shift knob for 2 speed

- H. Handle
- I. Chuck key storage
- J. Chuck key
- K. Shaft
- L. Head of mixing paddle
- M. Chuck jaws

TECHNICAL SPECIFICATIONS

Model Number	R6212C-120-1
Voltage	120V~60Hz
Power	13A
No Load Speed	I: 180-460rpm II: 300-750rpm
Chuck Size	Ø8/5"(16mm)
Mixing Paddle Size	4"(100mm)
Protection Class	II □
Net Weight	9.37lbs(4.25kg)

SAFETY ALERT SYMBOLS AND WORDS

This instruction manual uses the following safety alert symbols and words to alert you to hazardous situations and your risk of personal injury or property damage.

-  **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. (Used without word) Indicates a safety related message.
-  **NOTICE:** Indicates a practice not related to personal injury which, if not avoided, may result in property damage.
-  **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.
-  **WARNING:** To reduce the risk of injury, read the instruction manual.

GENERAL POWER TOOL 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 mainsoperated (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 an earth leakage circuit breaker.** Use of an earth leakage circuit breaker 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 jewelry.** Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry 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.

MIXER SAFETY INSTRUCTIONS

- Hold the tool with both hands at the intended handles. Loss of control can cause personal injury.
- Ensure sufficient ventilation when mixing flammable materials to avoid a hazardous atmosphere. Developing vapour may be inhaled or be ignited by the sparks the power tool produces.
- Do not mix food. Power tools and their accessories are not designed for processing food.
- Keep the cord away from the working area. The cord may be entangled by the mixer basket.
- Ensure that the mixing container is placed in a firm and secure position. A container that is not properly secured may move unexpectedly.
- Ensure that no liquid splashes against the housing of the power tool. Liquid that has penetrated the power tool can cause damage and lead to electric shock.
- Follow the instructions and warnings for the material to be mixed. Material to be mixed may be harmful.
- If the power tool falls into the material to be mixed, unplug the tool immediately and have the power tool checked by a qualified repair person. Reaching into the bucket with the tool still plugged in can lead to electric shock.
- Do not reach into the mixing container with your hands or insert any other objects into it while mixing. Contact with the mixer basket

- may lead to serious personal injury.
- Start up and run down the tool in the mixing container only. The mixer basket may bend or spin in an uncontrolled manner.

Vibration and noise reduction

To reduce the impact of noise and vibration emission, limit the time of operation, use low-vibration and low-noise operating modes as well as wear personal protective equipment. Take the following points into account to minimise the vibration and noise exposure risks:

- Only use the product as intended by its design and these instructions.
- Ensure that the product is in good condition and well maintained.
- Use correct attachments for the product and ensure they are in good condition.
- Keep tight grip on the handles/grip surface.
- Maintain this product in accordance with these instructions and keep it well lubricated (where appropriate).
- Plan your work schedule to spread any high vibration tool use across a longer period of time.

Emergency

Familiarise yourself with the use of this product by means of this instruction manual. Memorise the safety directions and follow them to the letter. This will help to prevent risks and hazards.

- Always be alert when using this product, so that you can recognise and handle risks early. Fast intervention can prevent serious injury and damage to property.
- Switch off and disconnect from the power supply if there are malfunctions. Have the product checked by a qualified professional and repaired, if necessary, before you operate it again.

Residual risks

Even if you are operating this product in accordance with all the safety requirements, potential risks of injury and damage remain. The following dangers can arise in connection with the structure and design of this product:

- Health defects resulting from vibration emission if the product is being used over long periods of time or not adequately managed and properly maintained.
- Injuries and damage to property due to broken attachments or the sudden impact of hidden objects during use.

- Danger of injury and property damage caused by flying objects.

 **WARNING!** This product produces an electromagnetic field during operation! This field may under some circumstances interfere with active or passive medical implants! To reduce the risk of serious or fatal injury, we recommend persons with medical implants to consult their doctor and the medical implant manufacturer before operating this product!

 **WARNING!** Some dust created by power sanding, sawing, grinding, drilling and other construction activities contains chemicals known to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:

- Lead from lead-based paint.
- Crystalline silica from bricks and cement and other masonry products.
- Arsenic and chromium from chemically treated timber.
- Your risk from these exposures varies, depending upon how often you do this type of work. To reduce your exposure to these chemicals:
- Work in a well-ventilated area.
- Work with approved protective equipment, such as those dust masks that are specially designed to filter microscopic particles.

Know Your Single-paddle Mud Mixer

The safe use of this product requires an understanding of the information on the product and in this operator's manual as well as a knowledge of the project you are attempting. Before use of this product, familiarize yourself with all operating functions.

Chuck Key

A chuck key has been provided for use when installing or removing paddles and removing the chuck. When not in use, the chuck key can be placed in the chuck key holder.

Handle

This mixer has an ergonomic handle design for ease of operation and to prevent loss of control.

Lock-on Button

This tool is equipped with a lock-on feature for continuous mixing.

Mixing Paddle

The mixing paddle is designed to mix thick and heavy materials.

NOTE: Do not use any paddles not recommended by the manufacturer of this product.

Variable Speed Wheel

The mixer speed can be adjusted with the variable speed selector. This allows you to adjust the mixture rate to suit your particular application.

WARNING

- Do not allow familiarity with products to make you careless. Remember that a careless fraction of a second is sufficient to inflict serious injury.
- Always wear eye protection with side shields marked to comply with ANSI Z87.1. Failure to do so could result in objects being thrown into your eyes resulting in impossible serious injury.
- Do not use any attachments or accessories not recommended by the manufacturer of this product. The use of attachments or accessories not recommended can result in serious personal injury.

8

WARNING

- Always remove plug from wall outlet when tool is not in use. Failure to comply could result in accidental starting and possible serious personal injury.
- If any parts are damaged or missing, do not operate tool until the parts are replaced. Use of this product with damaged or missing parts could result in serious personal injury.
- Do not attempt to modify this product or create accessories not recommended for use with this product. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.
- Before setting up, repair or maintenance of the appliance you must always turn off the operating switch and remove plug from wall outlet.

Applications

The machine is intended for mixing liquid and powdery building materials, such as cement mortar, adhesive, paint, plaster and similar substances.

SYMBOLS

On the product, the rating label and within these instructions you will find among others the following symbols and abbreviations. Familiarise yourself with them to reduce hazards like personal injuries and damage to property.

V ~	Volt, (Alternating voltage)	A	Amperes
Hz	Hertz	W	Watt
min	Minutes	~ or AC	Alternating current
≡ or DC	Direct current		Class I Construction (grounded)
⧻ or AC/DC	Alternating or direct current		Class II Construction (double insulated)
n ₀	No load speed	/min or min ⁻¹	per minute
BPM	Beats per minute	n	Rated speed
IPM	Impacts per minute	RPM	Revolutions per minute
	Earthing terminal	sfp _m	Surface feet per minute
dB(A)	Decibel (A-rated)	m/s ²	Metres per seconds squared
kg	Kilogram	mm	Millimetre
°C	Degree celsius	SPM	Strokes per minute
	Safety alert symbol		



Lock/to tighten or secure.



Note/ Remark.



Read the instruction.



Wear eye protection.



Wear protective gloves.



Switch the product off and disconnect it from the power supply before assembly, cleaning, adjustments, maintenance, storage and transportation.



The product complies with the applicable European directives and an evaluation method of conformity for these directives was done.



For use in dry indoor rooms only.



Switch the product off and remove battery pack before assembly, cleaning, adjustments, maintenance, storage and transportation.



Do not dispose of battery packs in rivers or immerse in water.



Do not expose battery pack to heat in excess of 40°C. Do not charge or store the battery pack below 0°C (32°F) and above 40°C (104°F).



Unlock/to loosen.



Caution/ Warning.



Wear hearing protection.



Wear a dust mask.



Wear protective, slip-resistant footwear.



This product is of protection class II. That means it is equipped with enhanced or double insulation.



WEEE symbol. Waste electrical products should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



Crossed out dust bin. Batteries and battery packs should not be disposed of with household waste. Please recycle where facilities exist. Check with your Local Authority or local store for recycling advice.



Do not dispose of battery packs in fire. They will explode and cause injury.



Do not smoke in the work area, around the product and in the vicinity of flammable materials!

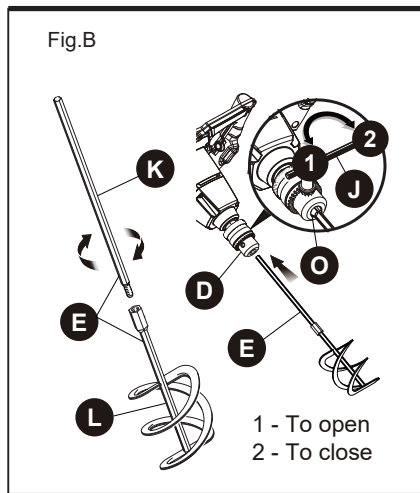


Open flames in the work area, around the product and in the vicinity of flammable materials are prohibited!

OPERATING INSTRUCTIONS

1. Installing/Removing Paddle(Fig.B)

NOTE: Do not use any paddles not recommended by the manufacturer of this product. Before using the paddle, one time assembly is required. Place the threaded end of the paddle shaft(K) into the head(L) and rotate clockwise to secure. Tighten securely.



To install paddle:

- Unplug the mixer.
- Insert the chuck key (J) into the chuck (D); twist counterclockwise to open the chuck jaws and clockwise to close.
- Open or close the chuck jaws to a point where the opening is slightly larger than the paddle size you intend to use. Also raise the front of the mixer slightly to keep the paddle from falling out of the chuck jaws(O).

WARNING

Make sure to insert the paddle straight into the chuck jaws. Do not insert the paddle into the chuck jaws at an angle then tighten. This could cause the paddle to be thrown from the mixer, resulting in possible serious personal injury or damage to the chuck.

- Insert the paddle.
- Tighten the chuck jaws securely on the paddle, using the chuck key provided.
- Remove the chuck key.

To remove paddle:

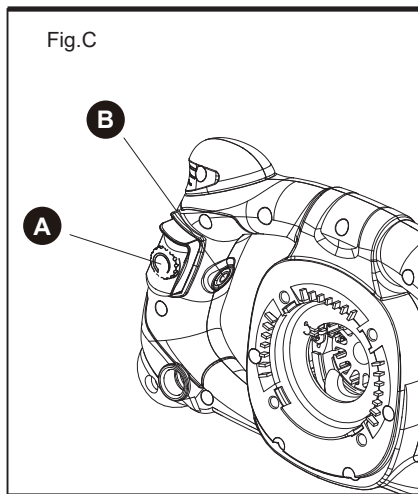
- Unplug the mixer.
- Loosen the chuck jaws using the chuck key provided.
- Remove the paddle.
- Remove the chuck key.

WARNING

- The mixer should keep running for a while after the machine has been turned off.
- If the mixing paddle (E) touches a surface it could cause it to rebound.
- Start the tool by pressing the switch trigger (A) lightly to achieve maximum speed only after the mixing paddle (E) has been introduced into the mixture.

2. Switch Trigger(Fig.C)

- On/off
- Press lock on/off button(B) .
- Press the switch trigger (A) to power on.
- Release the switch trigger to power off.
- Continuous use
- Press the lock on/off button (B) to release the switch trigger (A).
- Then press the switch trigger (A) to power on.
- Switch the lock on/off button (B) again for continuous use.



3. Speed Control(Fig.D)

This tool has a shift knob for 2 speed (G) which enables you to work at high or low speeds. The shift knob for 2 speed (G)

position should only be changed when the unit is stopped, in order to prevent the shift from being damaged.

- With the tool turned off, turn the shift knob for 2 speed (G) up or down to change the speed.

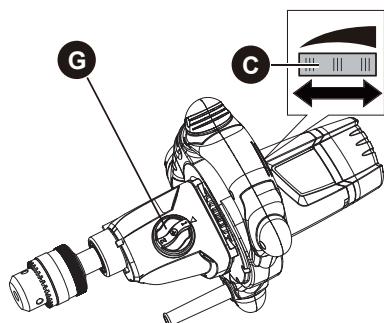
I : 180-460 RPM

II: 300-750 RPM

NOTE: If the shift knob for 2 speed (G) is not pushed in place, turn the shaft of paddle (E) slightly and push again.

- Turn on the trigger switch (A) first, then turn the variable speed wheel (C) to achieve desired speed.

Fig.D



4. Operation(Fig.E)

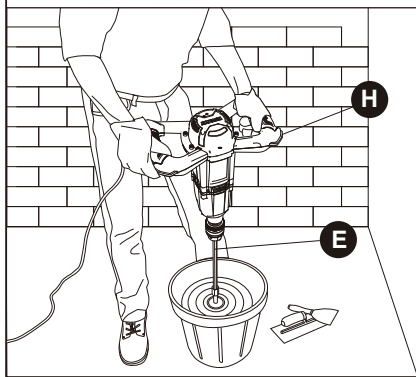
Hold the handle (H) firmly with both hands and maintain a firm grip through out the mixing operation. The tool should be run at low speed before it is immersed in or removed from the mixture.

The speed should only be increased to maximum after it has been fully immersed in the mixture, in order to ensure that motor is kept as cool as possible. The tool must be moved around inside the mixing vessel during the mixing process.

Continue the mixing process until all of the mixing components have been processed.

NOTE: Always clean the mixing paddle (E) after you have finished using it.

Fig.E



! WARNING

- When servicing, use only identical replacement parts. Use of any other parts may create a hazard or cause product damage. To avoid accidents always disconnect the tool from the power supply before cleaning or performing any maintenance.

General Maintenance

- Correct maintenance of the tool will prolong its useful life.
- The mixing paddle (E) must be cleaned after use or when they have not been used for a long time. Always store your mixer in a dry place.
- The air vent on the motor housing must be kept clean and free of foreign matter. Do not attempt to clean by inserting pointed objects through openings.
- 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 clean cloths to remove dirt, dust, oil, grease, etc.
- Use only original spare parts for the machine maintenance.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Chuck Removal(Fig.F-H)

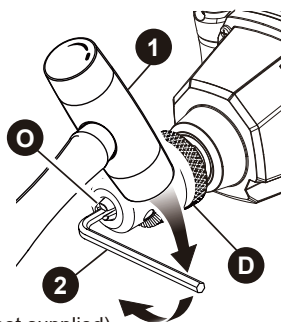
The chuck may be removed and replaced with a new one.

- Unplug the tool.
- Open the chuck jaws(O) using the provided chuck key.
- Insert a 5/16 inch (8 mm) or larger hex key into the chuck of the mixer and tighten the chuck jaws(O) securely.
- Tap the hex key(2,not supplied) sharply with a mallet(1,not supplied) in a clockwise direction.

This will loosen the screw in the chuck for easy removal.

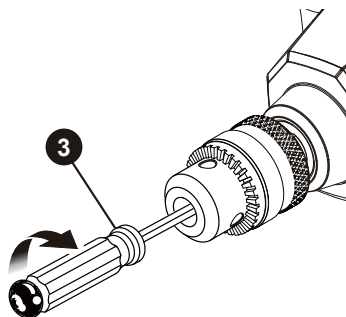
- Open chuck jaws(O) and remove hex key(2,not supplied). Remove the chuck screw by turning it in a clockwise direction through a screwdriver(3,not supplied).

Fig.F



- 1 - Mallet (not supplied)
2 - Hex key (not supplied)

Fig.G



- 3 - Screwdriver(not supplied)

To Retighten a Loose Chuck

The chuck may become loose on the spindle and develop a wobble. Also, the chuck screw may become loose, causing the chuck jaws to bind and prevent them from closing. To tighten:

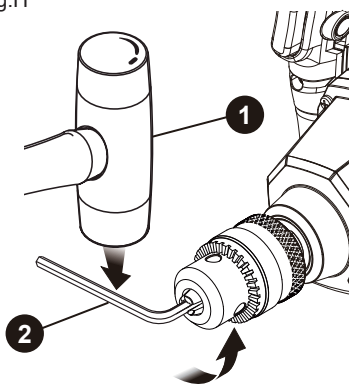
Unplug the tool.

- Open the chuck jaws(O).
- Insert the hex key(2,not supplied) into the chuck and tighten the chuck jaws(O) securely.

Tap the hex key sharply with a mallet(1,not supplied) in a clockwise direction. This will tighten the chuck on the spindle.

- Open the chuck jaws(O) and remove the hex key(2,not supplied) .
- Tighten the chuck screw.

Fig.H



⚠ WARNING

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

TROUBLESHOOTING



WARNING

Unplug the tool from the power supply before performing trouble shooting procedures.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Mixer will not start.	Power cord not plugged in.	Make certain the cord is connected to the power supply.
	Power fault,fuse or circuit breaker tripped.	Check the power supply.
	Cord damaged.	Use authorized service center to repair or replace.
	Faulty switch.	Use authorized service center to repair or replace switch.
	Faulty motor.	Use authorized service center to repair or replace motor.
Tool turns on,but the mixer paddle does not turn	The gear selector is not in place.	Turn the mixer paddle slightly and push the gear selector. Make sure it is in place.
Poor working performance.	Extension cord too long or undersized.	Use extension cord heavy enough to carry the current.
	Tool is overheating.	Turn off tool and let it cool to room temperature.Inspect and clean the ventilation slots.
	Set at incorrect speed.	Make sure the tool is set at the correct speed to suit for the application and material.
	Carbon brush is worn out.	Replace with new carbon brush
	Tool is overloading	Turn off tool and let it rest a moment and re-start tool again.
Frequent or strong sparks	Carbon brush is worn out or jammed	Have the carbon brushes checked or replaced.

ENVIRONMENT



Do not dispose of electric tools, accessories and packaging together with household waste material (only for EU countries), in observance of European Directive on waste of electric 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.



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