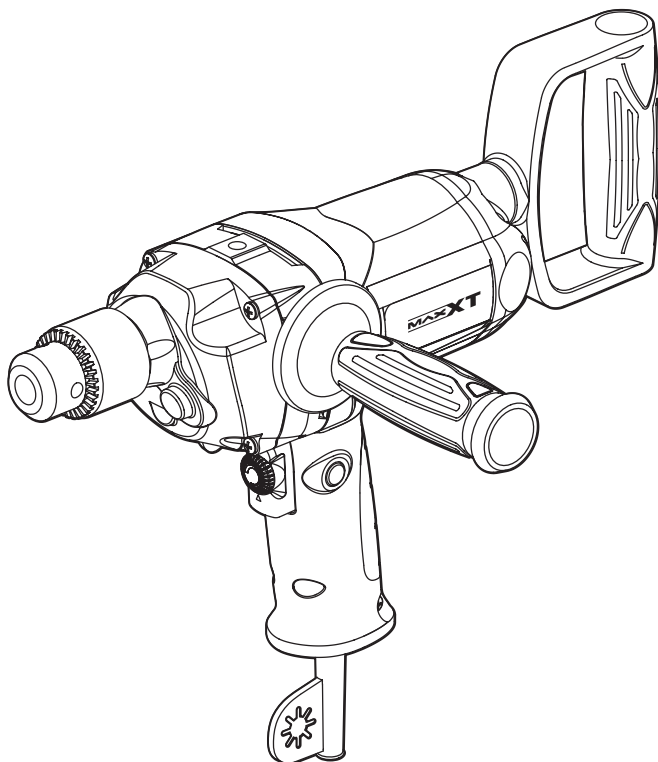


**MAX PERFORMANCE
EXTRA FUN**

MAXXT



R6169 R6169F

INSTRUCTION MANUAL



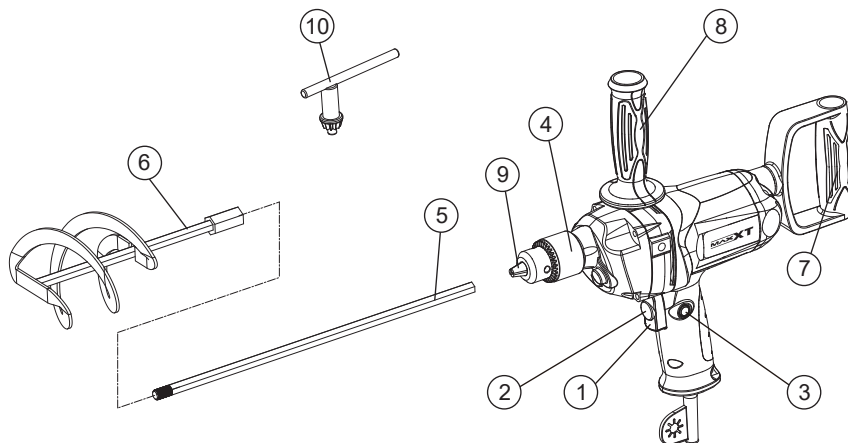
EN

ELECTRIC DRILL MIXER

P3-P14

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Fig. A



1. On-off Switch Trigger
2. Variable Speed Wheel
3. Start Button
4. 1/2"(13mm)Keyed Chuck
5. Paddle Shaft
6. Head of Mixing Paddle
7. 360°Spade Handle
8. Auxiliary Handle
9. Chuck Jaws
- 10.Chuck Key

⚠ WARNING

- Remove the tool from the package and examine it carefully. Do not discard the carton or any packaging material until all parts have been examined.
- If any part of the tool is missing or damaged, do not connect the plug to the power source or use the tool until the part has been repaired or replaced. Failure to heed this warning could result in serious injury.

TECHNICAL SPECIFICATIONS

Model Number	R6169F	R6169
Rated Voltage,Frequency	220-240V~50Hz	110-120V~60Hz
Rated Power Input	1050W	9A
No-load Speed	0-550/min	0-600/min
Chuck Size	Ø13mm	Ø1/2"
Protection Class	II / 	
Net Weight	3kg	6.61lbs

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.

SPECIFIC SAFETY RULES

- 1) Know your power tool. Read operator's manual carefully. Learn its applications and limitations, as well as the specific potential hazards related to this tool. Following this rule will reduce the risk of electric shock, fire, or serious injury.
- 2) Use the mixing paddle up to the specified diameter.
- 3) Check that the voltage and frequency of the tool shown on the data plate match the electric system.
- 4) When in use, always hold the grip firmly with both hands and provide for a secure stance. Consider possible reaction torque. Secure the vessel with the mixed substance against moving on the floor.
- 5) This tool will provide better, safer performance if used only for the task for which it has been designed.
- 6) Do not use this tool for purpose other than those described in the instructions for use.
- 7) Always wear gloves, safety glasses and dust mask. Use only in well ventilated area. Using personal safety devices and working in safe environment reduces risk of injury.
- 8) Always disconnect the power cord from the power source before making any adjustments or attaching any accessories. You may unexpectedly cause the tool to start leading to serious personal injury.
- 9) Inspect tool cords periodically and, if damaged, have repaired at your nearest Authorized Service Center. Constantly stay aware of cord location. Following this

- rule will reduce the risk of electric shock or fire.
- 10) Be aware of the switch location, when placing the tool down or when picking the tool up. You may accidentally activate the switch.
 - 11) Check damaged parts. Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting, and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center. Following this rule will reduce the risk of shock, fire, or serious injury.
 - 12) Make sure your extension cord is in good condition. When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. A wire gauge size (A.W.G.) of at least 14 is recommended for an extension cord 50 feet or less in length. A cord exceeding 100 feet is not recommended. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord. An under-sized cord will cause a drop in line voltage resulting in loss of power and overheating.
 - 13) After changing the mixing paddle or making any adjustments, make sure the mixing paddle and any other adjustment devices are securely tightened. A loose adjustment device can unexpectedly shift, causing loss of control. Loose rotating components will be violently thrown.
 - 14) Never risk leaving the tool out in the rain or snow. Do not use the tool in wet or damp places. Keep the worksite well lit at all times. Never use the machine around inflammable liquids or gases.
 - 15) Do not mix material with inflammation points lower than 70°.
 - 16) Do not use solvents to clean the tools. It could be dangerous due to risk of explosion.
 - 17) The tool must only be started and stopped when the mixing paddle is inside a mixing vessel. Ensure that the mixing vessel is placed on a solid, secure base.
 - 18) Never reach into the mixing vessel with your hands or any other object during the mixing process.
 - 19) If the mixing paddle becomes jammed or bogged down, turn the tool "OFF" by the switch. Wait for all moving parts to stop and unplug the tool, then work to free the jammed material. If the switch to the tool is left "ON" the tool could restart unexpectedly causing serious personal injury.
 - 20) Do not leave a running tool unattended. Turn power off. Only when the tool comes to complete stop is it safe to put it down.
 - 21) Regularly clean the tool's air vents by compressed air. Excessive accumulation of powdered metal inside the motor housing may cause electrical failures.
 - 22) Do not allow familiarity gained from frequent use of your machine to become common place. Always remember that a careless fraction of a second is sufficient to inflict severe injury.
 - 23) Do not alter or misuse tool. Any alteration or modification is a misuse and may result in serious personal injury.
 - 24) Save these instructions. Refer to them frequently and use them to instruct others who may use this tool. If you loan someone this tool, loan them these instructions also.

CALIFORNIA PROPOSITION 65

WARNING

This product and some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. **Wash hands after handling. Some examples of these chemicals are:**

- Lead from lead-based paints,
- Crystalline silica from bricks and cement and other masonry products and,
- Arsenic and chromium from chemically treated lumber.

Your risk from exposure to these chemicals varies, depending on how often you do this type of work. To reduce your exposure, work in a well-ventilated area and with approved safety equipment, such as dust masks that are specially designed to filter out microscopic particles.

Double Insulation

Double insulation is a concept in safety in electric power tools, which eliminates the need for the usual three-wire grounded power cord. All exposed metal parts are isolated from the internal metal motor components with protecting insulation. Double insulated tools do not need to be grounded.

 **WARNING!** The double insulated system is intended to protect the user from shock resulting from a break in the tool's internal wiring. Observe all normal safety precautions to avoid electrical shock.

 **IMPORTANT!** Servicing of a tool with double insulation requires extreme care and knowledge of the system and should be performed only by a qualified service technician. For service, we suggest you return the product to your nearest authorized service for repair. Always use original factory replacement parts when servicing.

Electrical Connection

The product has a precision-built electric motor. It should be connected to a power supply that is 120 volts, 60Hz in North

American Countries, AC only (normal household current), 60Hz. Do not operate this tool on direct current (DC). A substantial voltage drop will cause a loss of power and motor will overheat. If the product does not operate when plugged into an outlet, double-check the power supply.

Extension Cords

When using a power tool at a considerable distance from a power source, be sure to use an extension cord that has the capacity to handle the current the tool will draw. An undersized cord will cause a drop in line voltage, resulting in overheating and loss of power. Use the chart to determine the minimum wire size required in an extension cord. Only round jacketed cords listed by Underwriter's Laboratories (UL) should be used.

When working outdoors with a product, use an extension cord that is designated for outside use. This type of cord is designated with "W-A" or "N" on the cord's jacket. Before using any extension cord, inspect it for loose or exposed wires and cut or worn insulation.

8

Ampere rating (on tool faceplate)**

	0-2.0	2.1-3.4	3.5-5.0	5.1-7.0	7.1-12.0	12.1-16.0
Cord Length	Wire Size (A.W.G.)					
25 ft.	16	16	16	16	14	14
50 ft.	16	16	16	14	14	12
100 ft.	16	16	14	12	10	-

****Used on 12 gauge-20 amp circuit.**

NOTE: AWG=American Wire Gauge

 **WARNING!**

- Keep the extension cord clear of the working area. Position the cord so that it will not get caught on lumber, tools or other obstructions while you are working with a power tool. Failure to do so can result in serious personal injury.
- Check extension cords before each use. If damaged replace immediately. Never use tool with a damaged cord since touching the damaged area could cause electrical shock resulting in serious injury.

SYMBOLS

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

V ~	Volt,(alternating voltage)	mm	Millimetre
dB(A)	Decibel (A-rated)	W	Watt
Hz	Hertz	kg	Kilogram
/min or min ⁻¹	Per minute	m/s	Metres per seconds squared

 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.

 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.

PREPARATION

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.

Start Button (Unlocked)

This tool is equipped with a lock off feature for more safety mixing.

10 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 possible 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.
- 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.

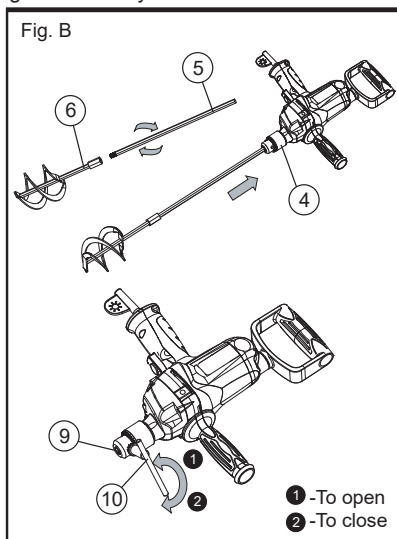
Applications

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

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 (5) and mixing paddle (6) into the head and rotate clockwise to secure. Tighten securely.



To install paddle:

- Unplug the mixer.
- Insert the chuck key ⑩ into the chuck ④ ; 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 you intend to use. Also raise the front of the mixer slightly to keep the paddle from falling out of the chuck jaws ⑨ .



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 ⑥ touches a surface it could cause it to rebound.
- Start the tool by pressing the switch trigger ① lightly to achieve maximum speed only after the mixing paddle ⑥ has been introduced into the mixture.

2. SWITCH TRIGGER (Fig. C)

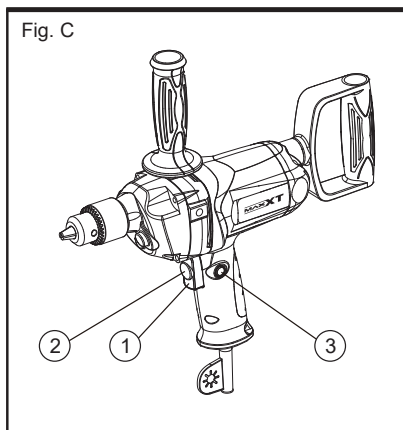
• On/off

- Press start button ③
- Press the switch trigger ① to power on
- Release the switch trigger ① to power off

• Continuous use

- Press start button ③
- Press the switch trigger ① to power on
- Release the start button, and hold on switch trigger ① for continuous use.
- Be aware of the forces that occur as a result of jamming; hold the tool. Firmly with both hands and take a secure stance.

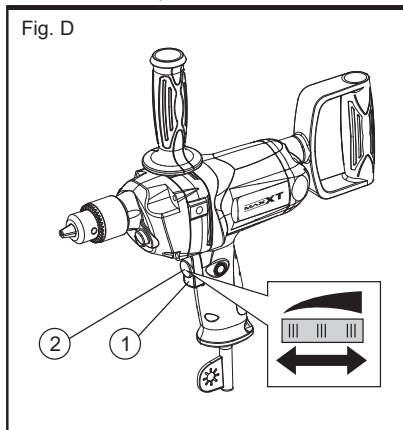
Fig. C



3. SPEED CONTROL (Fig. D)

- Turn on the trigger switch ① first, then turn the variable speed wheel ② to achieve desired speed.

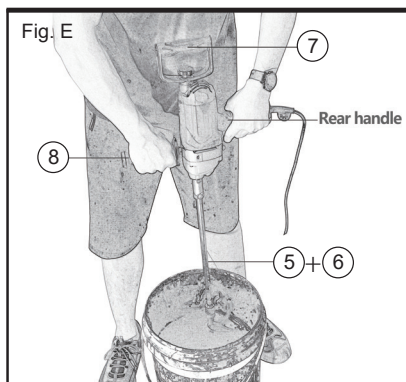
Fig. D



4. OPERATION (Fig. E)

Hold the handle ⑦ or ⑧ and rear handle firmly with both hands and maintain a firm grip throughout the mixing operation. The tool r handle 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 (5)+(6) after you have finished using it.



CARE AND MAINTENANCE

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 (6) 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)

Fig. F

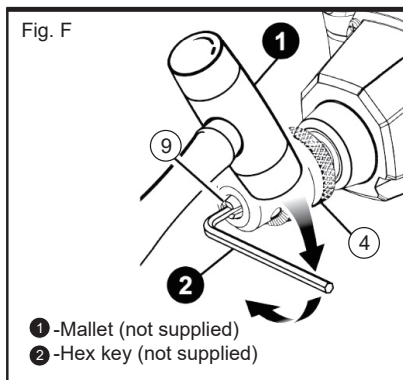


Fig. G

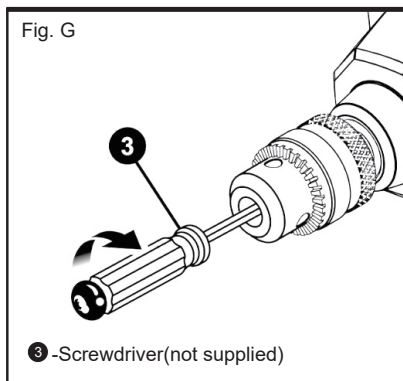
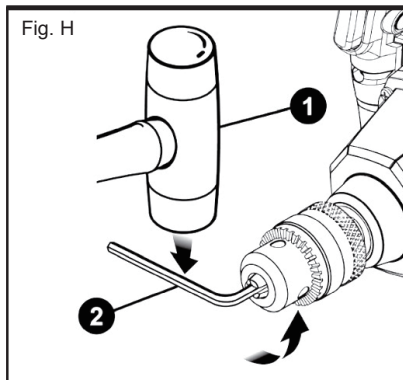


Fig. H



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

- Unplug the tool.
- Open the chuck jaws (9) using the provided chuck key.

- Insert a 1/2 inch (13mm) or larger hexkey(2,not supplied) into the chuck of the mixerand tighten the chuck jaws ⑨ securely.
- Tap the hex key(2,not supplied) sharply with amallet(1,not supplied) in a clockwise direction.This will loosen the screw in the chuck foreasy removal.
- Open chuck jaws ⑨ and remove hexkey(2,not supplied). Remove the chuck screwby turning it in a clockwise direction through ascrowdriver(3,not supplied).

NOTE: The screw has left hand threads.

- Insert the hex key(2,not supplied) into thechuck and tighten the chuck jaws ⑨ securely.Tap sharply with a mallet(1,not supplied) in acounterclockwise direction. This will loosenthe chuck on the spindle. It can now beunscrewed by hand.

To Retighten a Loose Chuck

The chuck may become loose on the spindleand develop a wobble. Also,the chuck screwmay become loose, causing the chuck jawstobind and prevent them from closing. **To**

tighten: Unplug the tool.

- Open the chuck jaws ⑨ .
- Insert the hex key(2,not supplied) into thechuck and tighten the chuck jaws ⑨ securely.Tap the hex key sharply with a mallet(1,notsupplied) in a clockwise direction. This willtighten the chuck on the spindle.
- Open the chuck jaws ⑨ and remove the hexkey(2,not supplied).
- Tighten the chuck screw.

 **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 whichmay 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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