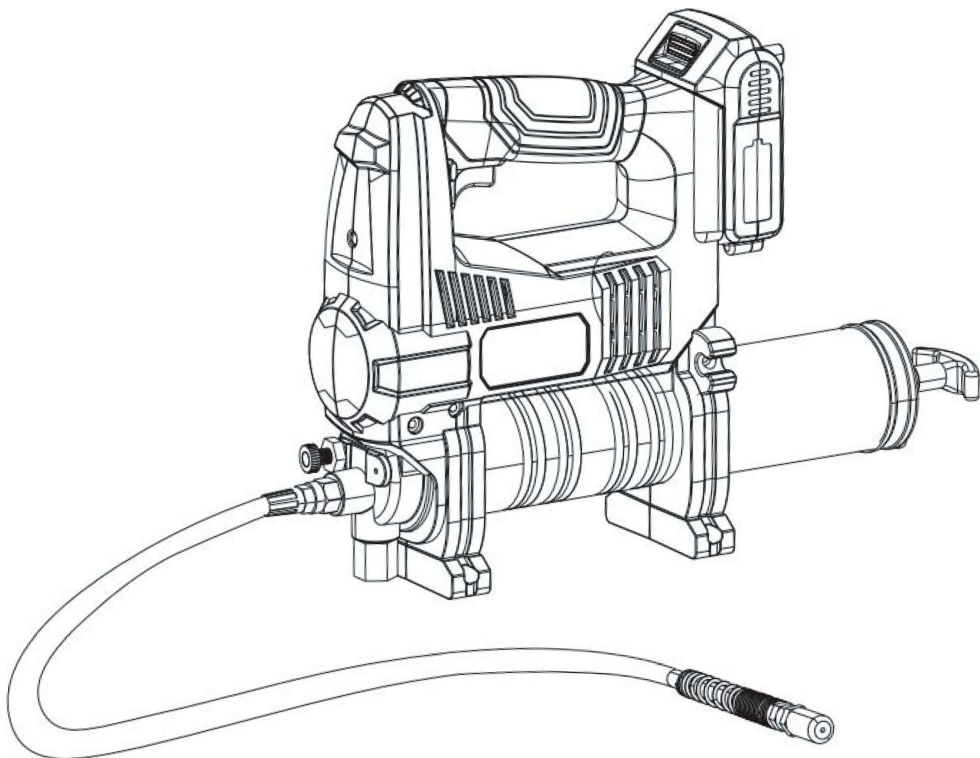


XP SERIES

LGG460

**LUMBER
JACK** 

20V Grease Gun



OPERATOR'S MANUAL



General Power Tool Safety Warnings

⚠ WARNING : Read all safety warnings and 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 tools or battery-operated (cordless) power tools.

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 grounded power tools. Unmodified plugs and matching outlets will reduce risk of electric shock.
- b.Avoid body contact with grounded surfaces such as pipes,radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is 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 a RCD reduces the risk of electric shock.

⚠ NOTE :The term residual current device (RCD) may be replaced by the term ground fault circuit interrupter (GFCI) or earth leakage circuit breaker (ELCB).

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 tools 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.Battery Tool Use and Care

a.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.

b.Use power tools only with specifically designated battery packs. Use of any other battery packs may create a risk of injury and fire.

c.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.

d.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.

e.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.

f.Always push the gear selector and turn the operating mode selector switch through to the stop. Otherwise, the machine can become damaged.

g.Working in especially dusty environments can lead to failure of the power tool.

OPERATION GUIDELINES

⚠ NOTE: Before using the tool, read the Instruc-tion book carefully.






INTENDED USE

The machine is intended for hammer drilling and chiseling in concrete, brick. It is also suitable for drilling without impact in wood, metal, ceramic and plastic.

BEFORE PUTTING INTO OPERATION

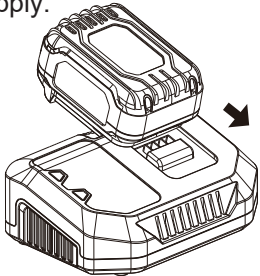
CHARGING WITH DIAGNOSTIC CHARGER

- 1.Connect the battery charger into the AC power supply.
 - 2.Slide the raised ribs on the battery pack into the slots on the charger until the latches on each side of the battery pack snap in place.
 - 3.Once the battery is properly attached, the LED's on the charger will be lit up and indicating the charging status.
- There are 5 different colour possibilities:

Description of LED display	Picture	Indicating Status	Charger Model
Steady red light		Charger is plugged in	2A/4A/6A
Steady red light + flashing green light		Battery is charging	2A/4A/6A
Steady red light + steady green light		Battery is fully charged	2A/4A/6A
Flashing red light		Battery pack is too hot	2A/4A/6A
Red and green light flashing alternatively		Battery pack is defective	2A/4A/6A

⚠ NOTE! In case of “defective” status, try remov-ing and inserting the battery again into the charger, and do the same with another new battery. If the same status remains, it may be the case that the defective item is the charger and not the battery.

- 4.Press the button on the battery pack and then slide it off from the charger to remove it.
- 5.Disconnect the charger from the power supply.



CHARGING THE BATTERY PACK

The battery pack charger supplied is matched to the Li-ion battery installed In the machine. Do not use other brand battery charger.

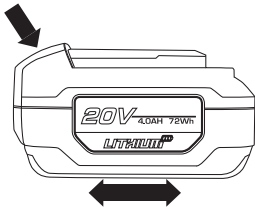
The Li-ion battery pack is protected against deep discharging. When the battery pack is empty, the machine is switched off by means of a protective circuit: The chuck no longer rotates.

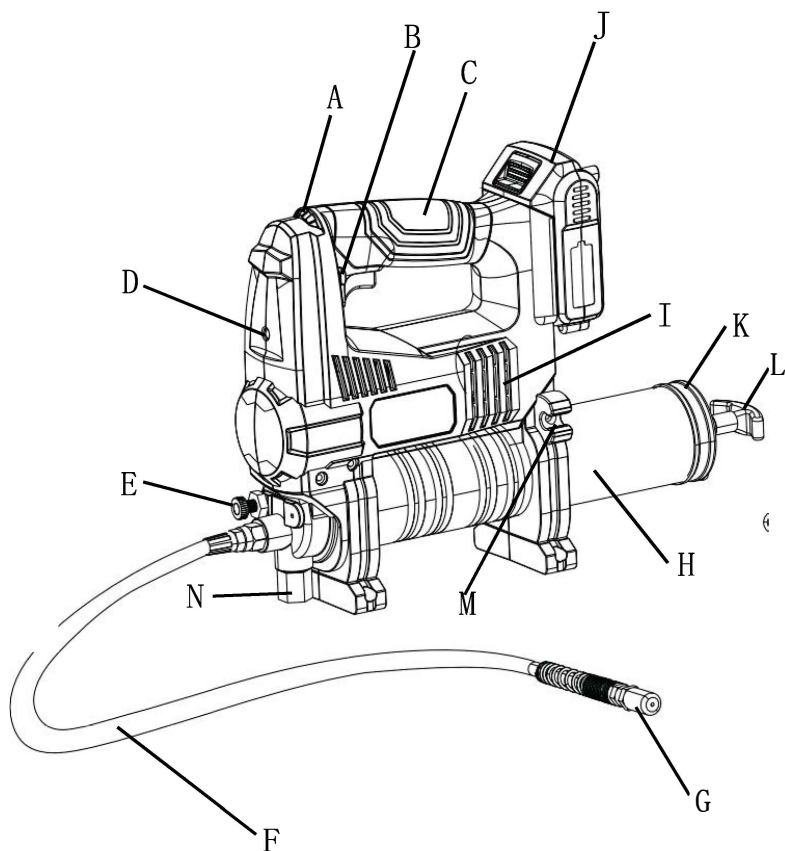
In a warm, environment or after heavy use, the battery pack may become too hot to permit charging. Allow time for the battery pack to cool down before recharging.

TO REMOVE OR INSTALL BATTERY PACK

Depress the battery pack release button to release and slide the battery pack out from your tool. After recharge, slide it back Into your tool.

A simple push and slight pressure will be sufficient.





- A. Variable speed trigger switch
- B. Lock-off button
- C. Handle
- D. LED worklight
- E. Exhaust Valves
- F. Flexible hose
- G. Flexible hose coupler
- H. Grease tube
- I. Cooling hole
- J. Battery
- K. Grease tube cap
- L. Grease tube handle
- M. Hose bracket
- N. Safety Valve

TECHNICAL INFORMATION

Grease type	Up to NLGI #2
Voltage	20V
Pressure	10,000 psi (690 bar)
Volume/Flow rate	282g/min (10oz /min) 16
Grease capacity	oz Bulk (460 g)
	14.5 oz Cartridge (411 g)
Tool weight	3.45kg
Hose length	30" (76cm)

INTENDED USE

This grease gun is designed for professionally dispensing lubricant.

DO NOT use under wet conditions or in presence of volatile flammable liquids or gases.

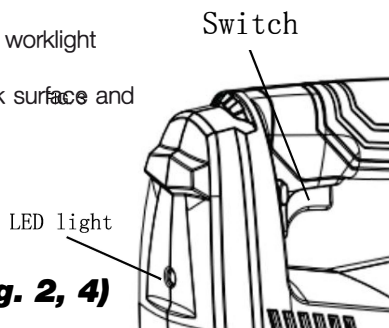
This grease gun is a professional power tool. **DO NOT** let children come into contact with the tool. Supervision is required when inexperienced operators use this tool.

LED Worklight (Fig. 2, 3)

CAUTION: Do not stare into worklight. Serious eye injury could result.

There is a LED worklight located on the front end. The worklight is activated when the trigger switch is depressed.

NOTE: The worklight is for lighting the immediate work surface and is not intended to be used as a flashlight.



Variable Speed Trigger Switch (Fig. 2, 4)

LOCK-OFF BUTTON AND TRIGGER SWITCH

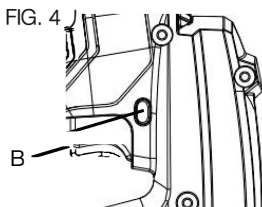
Your grease gun is equipped with a lock-off button (B).

To lock the trigger switch, press the lock-off button as shown in Figure 4. Always lock the trigger switch (A) when carrying or storing the tool to eliminate unintentional starting. The lock-off button is open to indicate when the switch is in its unlocked position.

To unlock the trigger switch, press the lock-off button as shown in Figure 4. Squeeze the trigger switch to turn the motor ON. Releasing the trigger switch turns the motor OFF.

NOTE: The variable speed trigger switch will give you added versatility. The further the trigger is depressed the higher the output of grease.

WARNING: This tool has no provision to lock the switch in the ON position, and should never be locked ON by any other means.

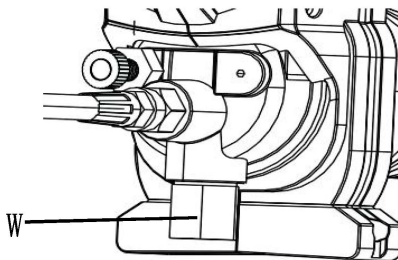


Pressure Relief Valve (Fig. 5)

The pressure relief valve (W) is set at the factory to relieve pressure above 10,000psi (690bar).

Grease coming out of the pressure relief valve indicates a clog in the fitting, line or bearing. Any of these conditions must be corrected before proceeding.

FIG. 5



⚠ WARNING: The grease gun may generate high pressure. Do not remove or tamper with the pressure relief valve. Serious injury may occur.

ASSEMBLY AND ADJUSTMENTS

⚠ WARNING: To reduce the risk of serious personal injury, turn tool off, push the lock-off button to the OFF position, and remove the battery pack before making any adjustments or removing/installing attachments or accessories. An accidental start-up can cause injury.

Installing a Grease Cartridge (Fig. 2, 5, 6)

1. Pull the grease tube handle out as far as it will go, then secure the grease tube rod

into the retaining slot by moving the rod to the side. Ensure the rod is placed securely in the slot to prevent it from disengaging.

2. Unscrew the grease tube assembly from the grease gun.

3. Remove the plastic cap from the grease cartridge, then insert the cartridge, open end first, into the grease tube.

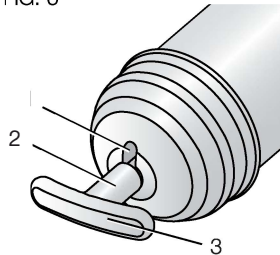
4. Remove the seal from the other end of the grease cartridge.

5. Thread the grease tube assembly back into the grease gun and screw it in securely.

6. Release the grease tube rod from the retaining slot and slowly press it back into the tube.

7. Use the purge valve to bleed off any air that may be trapped in the cartridge. Refer to **Purging Air Pockets**.

FIG. 6



IMPORTANT: The grease gun will lose its prime if there are air pockets in the lubricant.

Removing Empty Grease Cartridge (Fig. 2)

1. Pull the grease tube handle out as far as it will go, then secure the grease tube rod (M) into the retaining slot by moving the rod to the side. Ensure the rod is placed securely in the slot to prevent it from disengaging.

2. Unscrew the grease tube assembly from the grease gun and remove.

3. Gently release the grease tube handle to expel the empty cartridge from the grease tube.



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