

Lock-n-Load 12V Battery Operated Grease Gun

Part No.: L1380L

GENERAL SAFETY RULES - FOR ALL BATTERY OPERATED TOOLS

WARNING! READ AND UNDERSTAND ALL INSTRUCTIONS.
Failure to follow all instructions listed below may result in electric shock, fire,
and / or serious personal injury.

SAVE THESE INSTRUCTIONS

WORK AREA

- **Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- **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.
- **Keep bystanders, children, and visitors away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Do not abuse the cord. Never use the cord to carry the tool. Keep cord away from heat, oil, sharp edges or moving parts. Replace damaged cords immediately.** Damaged cords may create a fire.
- **A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery.** A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- **Use battery operated tool only with specifically designated battery pack.** Use of any other batteries may create a risk of fire.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep your hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair can be caught in moving parts.
- **Avoid accidental starting. Be sure switch is in the locked or off position before inserting battery pack.** Carrying tools with your finger on the switch or inserting the battery pack into a tool with the switch on invites accidents.
- **Remove adjusting keys or wrenches before turning the tool on.** A wrench or a key that is left attached to a rotating part of the tool may result in personal injury.
- **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
- **Use safety equipment. Always wear eye protection.** Dust mask, non-skid safety shoes, hard hat, or hearing protection must be used for appropriate conditions.

TOOL USE AND CARE

- **Use clamps or other practical way to secure and support the work piece to a stable platform.** Holding the work by hand or against your body is unstable and may lead to loss of control.
- **Do not force tool. Use the correct tool for your application.** The correct tool will do the job better and safer at the rate for which it is designed.
- **Do not use the tool if switch does not turn it on or off.** A tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool.** Such preventive safety measures reduce the risk of starting the tool accidentally.
- **Store idle tools out of reach of children and other untrained persons.** Tools are dangerous in the hands of untrained users.
- **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 sparks, burns, or a fire.
- **Maintain tools with care. Keep cutting tools sharp and clean.** Properly maintained tools with sharp cutting edge are less likely to bind and are easier to control.
- **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that may affect the tool's operation. If damaged, have the tool serviced before using.** Many accidents are caused by poorly maintained tools.
- **Use only accessories that are recommended by the manufacturer for your model.** Accessories that may be suitable for one tool may create a risk of injury when used on another tool.

SERVICE

- **Tool service must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel may result in a risk of injury.
- **When servicing a tool, use only identical replacement parts. Follow instructions in the Maintenance section of this manual.** Use of unauthorized parts or failure to follow Maintenance Instructions may create a risk of shock or injury.

SPECIFIC SAFETY RULES

- **DANGER:** Because of the high working pressures developed by this gun, the possibility of grease injection into the flesh, or an eye, is a potential hazard. Never allow any part of the human body to come in front of, or in direct contact with a grease discharge outlet or potential hose rupture. Never point the nozzle of the gun at yourself or toward anyone else. If accidental grease injection should occur, seek Immediate Emergency Medical Attention. DO NOT try to treat the injury yourself! If injection occurs, provide grease product information to medical personnel. Be certain that any and all system components will withstand the pressures being developed. Never exceed the pressure rating of any component in the system. Inspect all hoses and fittings before each use. Weak, worn, or damaged hoses are a hazard.
- **WARNING:** Before each use, inspect hoses for signs of wear, leaks, or loose fittings. Inspect and tighten all fluid connections regularly and replace weak or damaged hose. Do not use any defective, unmarked, or damaged hoses. Do not repair the grease whip hose. Replace if damaged. Most injections occur because of component rupture. Any cuts or sharp bends in hose can rupture and cause personal injury. Use only components that will withstand the pressures being developed.
- **WARNING:** Do not adjust relief pressure valve.
- **WARNING:** Wear safety goggles or other eye protection. Grease gun can develop high pressure – up to 6000 psi (408 bar). Use safety glasses and gloves for protection during operation. Grease leaks under pressure can penetrate the eyes and skin. Keep grease products away from eyes. Consult grease product labeling for safety precautions.
- **CAUTION:** Keep hands and fingers clear of the exposed rubber or plastic portion of hose. Extreme pressure may cause nozzle extension or hose to burst.
- **CAUTION:** Wipe up any dripped or spilled grease residue and keep work area clean. Grease on floor surfaces can be slippery and cause loss of footing and possible injury.

ADDITIONAL SAFETY RULES

The battery pack is not fully charged out of the carton. Read and understand all of the safety instructions, then follow the battery charging instructions that follow.

Important Safety Instructions for Battery Pack:

BEFORE USING THE BATTERY PACK AND CHARGER, READ AND UNDERSTAND ALL OF THE SAFETY INSTRUCTIONS BELOW.

- Do not incinerate the battery pack even if it is severely damaged or is completely worn out. The battery pack can explode in a fire.
- A small leakage of liquid from the battery pack cells may occur under extreme usage or temperature conditions. If this leakage gets on your skin:
 - a. Wash quickly with soap and water.
 - b. Neutralize with a mild acid such as lemon juice or vinegar.
 - c. If battery liquid gets into your eyes, flush them with clean water for a minimum of 15 minutes and seek immediate medical attention. **Medical note:** The battery cells are rechargeable nickel-cadmium type.
- A battery operated tool with integral batteries or a separate battery pack must be recharged only with the specified charger for the battery. A charger that may be suitable for one type of battery may create a risk of fire when used with another battery.
- Use battery operated tool only with specifically designated battery pack. Use of any other batteries may create a risk of fire. DO NOT substitute or modify another battery to use with your grease gun. When ordering replacement battery packs, be sure to indicate the specific part number for your tool.
- Disconnect battery pack from tool or place the switch in the locked or off position before making any adjustments, changing accessories, or storing the tool. Such preventive safety measures reduce the risk of starting the tool accidentally.
- 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 sparks, burns, or a fire.
- Charge battery pack only in a Legacy charger made for this specific tool model.
- Do not splash battery pack or charger with water or other liquids. Do not use or attempt to charge any battery pack that has become wet or that has had water splashed or dripped on to it.
- Do not store or use the tool and / or battery pack in locations where the temperature may reach 105° F (such as outside sheds or metal buildings in summer).
- **DANGER!** Electrocution hazard! Never attempt to open the battery pack for any reason. If battery pack case is cracked or damaged, do not insert into charger. Electric shock or electrocution may result. Damaged battery packs should be taken to a battery service center for recycling.
- **WARNING:** Fire hazard. Do not store or carry battery packs so that metal objects can contact exposed battery terminals. Do not place battery pack in aprons, pockets, tool boxes, product kit boxes, drawers, etc., along with other metal objects. Battery pack terminals could be short-circuited possibly causing severe burns or fire, as well as causing damage to the battery pack.
- **WARNING:** Do not transport batteries unless exposed battery contacts are protected and insulated from materials that could contact them and cause a short circuit.
- **CAUTION:** Battery pack must be securely attached to tool. If battery pack is detached, personal injury may result.
- **IMPORTANT:** Dispose of expended or damaged battery packs properly by returning to a local battery service dealer or contact your local recycling agencies for proper disposal information. Under various state and local laws it may be illegal to dispose of this battery into the municipal waste stream.

Important Safety Instructions for Charger:

NOTE: The battery pack is not fully charged out of the carton. Read and understand all of the safety instructions, and then follow the battery charging instructions that follow.

Before using the battery pack and charger, read and understand all of the safety instructions below, and observe all of the cautionary markings on charger, battery pack, and the product using the battery pack.

- **DANGER! Electrocutation hazard.** 120 volts are present at charger cord terminals. Do not probe with conductive objects. Electric shock or electrocution may result.
- **WARNING: Shock hazard. Do not allow any liquid to get inside charger. Electric shock may result.**
- **CAUTION: Burn hazard. To reduce the risk of injury, charge only Legacy 12 V battery packs that fit the charger included with this tool. Do not attempt to charge any other battery types with this charger.** Other types of batteries may burst causing personal injury and damage.
- **CAUTION: Keep foreign objects out of the battery pack cavity on the charger.** Metallic objects in the battery pack cavity can short the exposed charging contacts when the charger is plugged into the power supply. Always unplug the charger when there is no battery pack in the cavity. Unplug charger before attempting to clean.
- **CAUTION: Charger is intended for use indoors only. Do not expose charger to rain, snow, or frost.** Do not place charger on any wet surfaces. Do not place charger in any location where water may drip or splash on the charger or on the surface where the charger rests.
- **Pull by plug rather than by cord to remove from power supply connection to reduce risk of damage to electric plug and cord.** Do not use charger or plug charger cord into power supply if cord or plug is damaged. Have damaged cord, plug, or strain reliever replaced immediately. **Do not attempt to repair power cord or plug.**
- **Make sure cord is located so that it will not be stepped on, tripped over, or otherwise subjected to stress or damage.**
- **Do not use extension cord unless it is absolutely necessary.** Use of improper extension cord could result in risk of fire, electric shock, or electrocution. If an extension cord must be used, make sure the extension cord is properly wired and in good electrical condition. The extension cord must have adequate wire size (AWG or American Wire Gauge) for safety. The smaller the gauge number of the wire, the greater the capacity of the cable. For example, a 16 gauge has more capacity than 18 gauge cord.

Minimum Recommended Wire Size for Extension cords

For Total Length of Cord: 25 ft (7.6m) to 50 ft (15.2 m) -- use 18 gauge minimum cord size.

75 ft (22.9 m) to 100 ft (30.5 m) -- use 16 gauge minimum cord size.

125 ft (38.1 m) to 150 ft (45.7 m) – use 14 gauge minimum cord size.

175 ft (53.3 m) – use 12 gauge minimum cord size.

- **The charger is designed to operate on standard 120 V AC electrical power. Do not attempt to use it on any other voltage.**
- **Do not place any object on top of charger or place the charger on a soft surface that might interfere with proper air circulation around and under the charger to avoid excessive internal heat.** Place the charger in a position away from any heat source.
- **Do not operate the charger if it has received a sharp blow, been dropped, or otherwise damaged in any way.** Replace the charger or take it to an authorized service center.

Symbols

DC	direct current
☐	direct current symbol
V	volts
Hz	hertz
psi.....	pounds per square inch (units of pressure)
AC	alternating current
UL	Underwriter's Laboratories listing on charger
+	Positive terminal on battery pack and charger
-.....	Negative terminal on battery pack and charger
UL745-3.....	UL Standard for Safety for Battery-Operated Tools



This product is listed in Intertek's
Directory of Listed US Products

Specifications

Model: L1380L 12 V DC Battery Operated Grease Gun	Grease Reservoir Capacity:	Battery Capacity: 1300 milliamp hours
Maximum Operating Pressure:	14.5 oz cartridge	Battery Quick Charge: 1 hour
Continuous pressure: 4000 psi	16 oz bulk	Charger Input Power Source: 120 V AC
Intermittent pressure: 6000 psi	Lubricant (grease): Up to NLGI #2	

Functional Description

The Legacy 12 V DC battery-powered, cordless grease gun allows convenient high-pressure greasing at grease pressures up to 6000 psi, utilizing a motor and set of gears to develop pressure for dispensing grease as a single-action, positive displacement pump. The gun is operated (after grease-loading) by squeezing the triggers to dispense grease either freely from the grease nozzle (standard zerk coupler) or by engaging the grease coupler onto standard grease zerk fittings on equipment and machinery for high-pressure greasing. The gun is equipped with a pressure-relief valve to limit grease pressure to 6000 psi to reduce risk of motor overload, tool damage, and to extend battery life. Additionally, an automatic bleeder valve bleed trapped air in the grease barrel to make priming faster and easier. Do not exceed specifications or alter gun to perform beyond ratings. Such misuse will void warranty.

**READ AND FOLLOW ALL INSTRUCTIONS BEFORE USE.
SAVE THESE INSTRUCTIONS FOR FUTURE USE.**

AUTOMATIC BLEEDER VALVE: (see figure 1):

- Bleeds air when reconnecting the barrel and head.
- Reduces air locks & priming problems.

STORAGE HOOK: (see figure 2):

This hook enables the gun to hang when not being used for convenient storage.

SHOULDER STRAP (see figure 3):

Attach strap by latching each end into the two holes located on either side of the hang hook.

COUPLER HOLSTER (see figure 4):

Insert the grease coupler end of the grease hose into the loop hole located below the gun head assembly when gun is not in use.

PRESSURE RELIEF VALVE (see figure 5):

CAUTION: Never allow any part of the human body to come in front of, or in direct contact with a grease discharge outlet. Direct the air pocket valve away from yourself and other persons in the vicinity. Never point the nozzle of the gun at yourself or toward anyone else.

Pressure relief is factory preset at 6000 psi +/- 500 psi. If back pressure in the grease line exceeds the preset limit, grease will then be expelled from this valve to reduce risk of motor overload and limit excessive grease pressure in grease hose. Do not exceed specifications or alter gun to perform beyond ratings. Such misuse will void warranty and can cause possible injury.

WARNING: Do not adjust relief pressure above 6,000 psi.

BATTERY CHECK (see figure 5):

To check the remaining battery life, press the black button on the back of the handle.

Green/Yellow/Red: Battery is at full power.

Yellow/Red: Battery life is at partial power. Charge soon

Red: Battery needs to be recharged.

SAFETY TRIGGER (see figure 7):

To prevent accidental expulsion of grease, your gun has been built with a safety trigger. This trigger can be found below the main trigger. The safety trigger and the main trigger must be depressed simultaneously in order to expel grease.

Figure 1



Figure 2



Figure 3



Figure 4

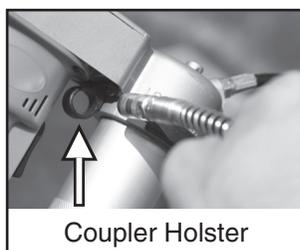


Figure 5

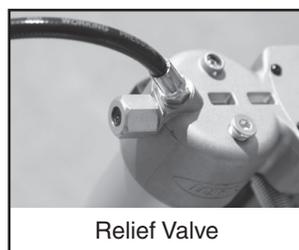


Figure 6

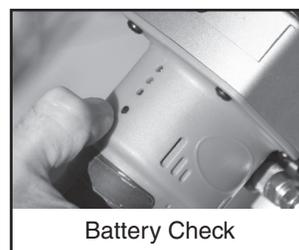


Figure 7

