

60864

# STEELMAN®

## 20V CORDLESS GREASE GUN OPERATOR'S MANUAL



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**⚠ CAUTION:** To reduce the risk of injury, user must read and understand this operator's manual. Save these instructions for future reference.

# TABLE OF CONTENTS

SPECIFICATIONS.....	2
SAFETY AND WARNINGS .....	2-3
BATTERY AND CHARGER WARNINGS .....	3-4
CHARGING OPERATION.....	4-5
PRIMING INSTRUCTIONS.....	6
MAINTENANCE .....	7
WARRANTY.....	7


## SPECIFICATIONS


CHARGER INPUT POWER	120 VAC
BATTERY OUTPUT POWER	20V
BATTERY CAPACITY	2000 MAH Lithium ion
BATTERY PACK CHARGE TIME	60 min
MAXIMUM OPERATING PRESSURE	8,000psi
GREASE RESERVOIR CAPACITY	14 oz.
MINIMUM FLOW RATE (OUNCE PER MINUTE)	3 oz.
HOSE	30"

## SAFETY AND WARNINGS

### GENERAL POWER TOOL SAFETY WARNINGS

Failure to follow all instructions listed below may result in electric shock, fire, and / or serious injury. Please read carefully and save this manual. You will need this manual for the safety warnings and precautions, assembly, operating, maintenance and cleaning procedures.

 **CAUTION:** To reduce the risk of injury, user must read and understand operator's manual. Save these instructions for future reference.

 **WARNING:** Be sure to read and understand all safety instructions in this manual, including all safety alert symbols such as “danger”, “warning”, and “caution” before using this product. Failure to follow all instructions listed below may result in serious personal injury.

### WORK AREA SAFETY


1. Keep your work area clean and well lit. Cluttered benches and dim areas may cause accidents.
2. Do not operate cordless grease gun in flammable atmospheres such as in the presence of flammable liquids, gases, or dust.
3. Keep bystanders, children, and visitors away while operating the cordless grease gun. Distractions can lead you to lose control.


## ELECTRICAL SAFETY


1. Charger plugs must match the outlet. Never modify the plug in anyway. Do not use any adapter plugs with earthed (grounded) cordless grease gun. Unmodified plugs and matching outlets will reduce risk of electric shock.
2. Avoid body contact with grounded surfaces such as pipes and couplers. There is an increased risk of electric shock if your body is grounded.
3. Do not expose cordless grease gun to rain or wet conditions. Water entering a cordless grease gun will increase the risk of electric shock.


## PERSONAL SAFETY

1. Stay alert. Watch what you are doing, and use common sense when operating a cordless grease gun. Do not use a cordless grease gun while tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating a cordless grease gun may result in serious personal injury.
2. 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.
3. Do not overreach. Keep proper footing and balance at all times. Proper footing and balance enables better control of the power tool in unexpected situations.
4. Use safety equipment. Always wear approved safety glasses underneath a full face safety shield. Dust masks, non-skid safety shoes, hard hats, or hearing protection must be used for appropriate conditions.

 **WARNING:** Grease gun can develop high pressure - up to 8,000psi. Use safety glasses and gloves for protection during operation. Keep hands clear of the exposed rubber portion of hose.

 **WARNING:** Extreme pressure may cause nozzle extension or flex hose to burst. Use only APPROVED hoses and follow whip hose instructions and warnings.

 **WARNING:** Make sure the switch is in its off position, and unplug the charger from its power outlet before performing any inspection, maintenance, or cleaning.

 **WARNING:** BEFORE EACH USE, check the general condition of the grease gun. Check for misalignment or binding of moving parts, cracked or broken parts, leaking battery pack, damaged hose, and any other condition that may affect its safe operation. If abnormal noise or vibration occurs, have the problem corrected before further use. Do not use damaged equipment.

## BATTERY AND CHARGER WARNINGS

 **DANGER:**

1. Do not probe with conductive objects.
2. Do not charge a damaged battery, replace it immediately.
3. Failure to comply may result in serious injury.

 **WARNING OF BATTERY:**

1. Never attempt to disassemble battery for any reason.
2. Do not store in locations where the temperature may exceed 104°F (40°C) such as outside sheds or metal buildings in the summer.
3. Charge the battery only at ambient temperatures between 50°F to 104°F (10°C to 40°C).
4. Charge the battery only with the charger provided with this tool.

5. Separate collection when disposing of batteries. Do not dispose with normal household waste.
6. Do not expose battery to fire, spark, flame or any flammable atmosphere. Battery liquid may burn.
7. Do not expose battery to water, rain, snow, frost or other wet environments.

**⚠ WARNING OF BATTERY CHARGER:**

1. The charger is intended for indoor use only. Do not expose charger to water, rain, snow or frost.
2. Only use for charging the battery with this tool.
3. Do not charge battery in a damp or wet location.
4. Do not abuse or attempt to repair the power cord.
5. Do not operate charger with a damaged cord or plug. Replace charger immediately.
6. Do not attempt to disassemble charger.
7. Unplug charger from outlet before any cleaning to avoid electric shock.
8. Do not cover the charger and battery with anything while charging. Charge the battery in a well ventilated place.
9. Charge battery only at ambient temperatures between 50°F to 104°F (10°C to 40°C).
10. Do not charge battery in a flammable atmosphere.

## CHARGING OPERATION

### CHARGING THE BATTERY PACK GENERAL

For best performance on a new battery you must discharge it completely to get full use of the batteries life cycle. Using a battery that has been charged before it is completely discharged will shorten the batteries total amount of charge it will take in future charging. Be sure to discharge the new battery completely before charging. All New grease guns come with 80% charge from the factory and no charging is needed until it is used and the battery is completely discharged.

### NORMAL CHARGING

**⚠ CAUTION:** Charge the battery pack in clean and dry location. Do not charge the battery pack in air temperatures below 48°F (9°C) or above 105°F (41°C).

**⚠ CAUTION:** Make sure power circuit voltage is the same as the shown on the charger specification.

1. Remove the battery pack from the cordless grease gun by depressing the button on the battery pack.
2. Plug the charger into power outlet before inserting battery pack.
3. Insert battery pack in to charger. Lights on charger indicate the charging process as below:

STEP	CONDITION	LIGHT INDICATOR	
		RED	GREEN
1. Plug charger into power outlet	Ready to charge	OFF	ON
2. Insert battery pack into charger	Charging	ON	OFF
3. Battery pack is full charged	Full charged	OFF	ON

4. Remove battery pack from charger and disconnect charger from power outlet after fully charged.



**NOTE:** Battery temperature increases during and shortly after use. Batteries may not accept a full charge if charged immediately after use. Allow the battery pack to cool to room temperature before charging for best results.

## PRIMING INSTRUCTIONS



**NOTE:** Remove air pockets! Air pockets in the cartridge will prevent grease from being pumped and cause the grease gun to lose its prime. Unscrew the vent valve several times to remove small air pockets trapped in this area.

### INSTALLING A GREASE CARTRIDGE

1. Unscrew the grease tube assembly from the cordless grease gun.
2. Pull back on the follower handle until the follower rod is fully extended and latch the follower rod groove into the slot on the tube end cap of the grease tube.
3. Carefully release the follower handle to eject the empty cartridge from container tube.
4. Remove the plastic cap from a fresh grease cartridge and insert cartridge into the container tube.
5. Remove the pull tab from grease cartridge and screw grease tube into cordless grease gun assembly.
6. Release follower rod from slot to allow it to go forward. Purge air from assembly and ensure all air pockets are expelled.

### TO FILL THE GUN FROM BULK CONTAINER

1. Remove grease tube from the grease gun.
2. Unscrew the grease tube assembly cap from the grease tube assembly. Pull on the follower handle to extract the follower and spring from the grease tube assembly.
3. Grasp follow seal between thumb and forefinger and flip the follow seal from the rear to the front side.
4. Reassemble follower into grease tube assembly and position the follower handle so that the grease tube assembly cap can be tightened onto the container tube.
5. Insert the open end of the grease tube assembly into lubricant and slowly pull the follower handle back while pushing the grease tube assembly deeper into the lubricant to prevent air pockets from being pulled into the grease tube assembly. When the follower rod is fully extended, pull it sideways to latch the rod groove into the keyhole slot in the grease tube assembly cap.
6. Reinstall grease tube into cordless grease gun assembly and release the follower rod from the slot on the end cap of the tube allowing the follower rod to go forward.
7. Clean any excess grease off the body.
8. Purge air from assembly ensure all air pockets are expelled.

### TO FILL THE GUN WITH A FILLER PUMP

1. A bulk filler fitting will need to be installed in the grease gun head cap (not included).
2. Replace the pipe plug in the head cap with the bulk loader fitting.
3. Engage the follower rod with the follower by rotating the follower handle.
4. Insert the gun filler nipple into the filler pump socket.

5. Operate the filler pump to fill the container. When the follower rod groove is exposed and the follower rod is extended, the grease tube assembly is filled.
6. Disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the grease tube assembly.
7. Purge air from assembly ensure all air pockets are expelled.

## TO EXPEL AIR POCKETS

Always open the vent valve after replacing cartridge. This will allow air to escape from cartridge and the grease gun to be primed.

1. Free the follower rod from the grease tube assembly cap and depress the vent valve when pushing the follower rod forward.
2. Squeeze the switch vent valve several times to operate gun until trapped air is expelled. Push the follower rod into the grease tube assembly.

## WARRANTY



## 1 YEAR | LIMITED WARRANTY

This STEELMAN® product is backed by a 1 Year Limited Warranty. This warranty covers manufacturer defects and workmanship. The warranty excludes misuse or abuse and normal wear and tear. Exclusion is not allowed in some states and may not apply. This warranty gives you specific legal rights, and you may have other rights, which vary from state to state.

For questions / comments, technical assistance or repair parts,  
Please call toll free at: 1-855-706-1550 (M-F 6am - 4:30pm PST)

Before sending a unit back for repair, an RMA (return materials authorization) number must be obtained and written on the outer shipping box. Please submit a ticket online at <http://www.steelmantools.com/contacts> to receive an RMA number. We will determine if the unit needs to come in for repairs or replacement. Warranty claims that cannot be processed through the point of purchase and any other product related questions should be addressed directly to JS Products.





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