

# 14.4 VOLT CORDLESS GREASE GUN

Item Number W50014

## OWNER'S MANUAL



Performance Tool®

**▲WARNING:** READ, UNDERSTAND AND FOLLOW ALL INSTRUCTIONS AND WARNINGS BEFORE OPERATING THIS TOOL. FAILURE TO DO SO MAY RESULT IN PERSONAL INJURY AND/OR PROPERTY DAMAGE AND WILL VOID WARRANTY.

**PT**<sup>®</sup>  
Performance Tool

# SPECIFICATIONS

Capacity: ..... Bulk or 14 oz. grease cartridge  
Pressure Rating: ..... 7,000 PSI  
Inlet size: ..... 1/8 in. NPT-27  
Hose: ..... 30 in.  
Type: ..... Cordless  
Voltage Rating: ..... 14.4 Volts  
Battery Type: ..... Ni-cd  
Features: ..... 1,500 mAh (milliampere/hour)  
Charge Time: ..... 1 hour 15 min.  
Grease dispensed on a single charge ..... Approx. 56 oz.  
Handle Type: ..... Plastic  
ETL: ..... 3102820  
CEC Title 20 compliant

Specifications are subject to change without notice

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## **▲WARNING!**

The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. Common sense and caution are factors that cannot be built into this product, but must be supplied by the operator.

# IMPORTANT SAFETY INFORMATION

1. Keep the work area clean and well lighted. Cluttered benches and dark areas increase the risks of accidents.
2. Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.
3. Keep visitors away. Do not let visitors handle the tool. All visitors should be kept safety away from work area.
4. Never engage in horseplay with the tool. Respect the tool as a working implement.
5. Operators and others in work area must wear safety glasses with side shields. When operating the tool, always wear safety glasses with side shields, and make sure others in work area wear safety glasses. Safety glasses must conform to the requirements of American National Standards Institute, ANSI z87.1 and provide protection against flying particles both from the front and side.
6. Always wear ear and head protection. Always wear ear protection to protect your ears from loud noise. Always wear head protection to protect your head from flying objects.
7. Use safety equipment. A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear a full face shield if you are producing metal filings or wood chips.
8. Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep Control the tool, personal movement and the work environment to avoid personal injury or damage to the tool. Stay alert, watch what you are doing and use your common sense.

## IMPORTANT SAFETY INFORMATION

9. Keep articles of clothing, jewelry, hair, etc., away from moving parts to avoid entanglement.
10. Do not operate any machine / tool when tired or under the influence of drugs, alcohol or medications.
11. Do not overreach when operating a tool. Proper footing and balance enables better control of a tool in unexpected situations.
12. Use clamps or other practical ways to support or secure the work piece to a stable platform. Holding the work piece by hand or against your body is not stable and may lead to loss of control and injury.

**▲WARNING!** The grease gun can develop high pressure, up to 8,000 PSI. Use safety glasses and gloves for protection during operation. Keep hands clear of the exposed rubber portions of the hose. Replace hose if there is any sign of damage or excess wear.

**▲WARNING!** Extreme pressure may cause the nozzle extension or flex hose to burst. Use only approved hoses and follow whip instructions and warnings.

13. Always wear fuel and oil-resistant gloves when working with fluids.
14. Do not store the tool under extreme conditions.
15. Do not adapt the tool for any other purpose than what it was originally intended for.
16. When operating the tool, use proper eye and hearing protection as well as protective gloves.
17. To maintain complete control, firmly hold your tool with both hands.
18. Never point the tool towards yourself.
19. Never force the tool. Excessive pressure could bend or break the tool or accessory, resulting in damage to the tool, your work piece or serious personal injury.
20. Do not use the battery charger in damp or wet locations. Do not use the grease gun or charger if it has been dropped, damaged, left outdoors, or immersed in liquid. To avoid electrical shock, do not handle the charger, its power cord plug or the grease gun with wet hands.
21. Remove adjusting keys or wrenches before turning the tool on. A wrench or key that is left attached may result in personal injury.
22. Disconnect power supply. Disconnect the tool from the power supply when not in use, before cleaning, servicing or changing any parts or accessories.
23. Protect yourself against electric shocks when working on electrical equipment. Avoid body contact with grounded surfaces such as pipes, radiators, cooking stoves and refrigerators. There is an increased chance of electrical shock if your body is grounded.
24. Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for a three wire grounded power cord and grounded power supply system.
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27. Double insulated tools are equipped with a polarized plug (one blade is wider than the other.) This plug will fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install a polarized outlet. Do not change the plug in any way. Double insulation eliminates the need for a three wire grounded power cord and grounded power supply system.
28. Grounded tools must be plugged into an outlet that is properly installed and grounded in accordance with all codes and ordinances. Never remove the grounding prong or modify the plug in any way. Do not use any adapter plugs. Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. If the tool should electronically malfunction or break down, grounding provides a low resistance path to carry electricity away from the user.
29. Do not abuse the cord. Never use the cord to carry tools or pull the plug from an outlet. Keep the cord away from heat, oil, sharp edges or moving parts. Do not operate this tool if the power cord is frayed or damaged. Replace damaged cords immediately. Damaged cords increase the risk of electric shock. Do not modify the plug in any way.
30. When operating a power tool outside, use an outdoor extension cord marked "W-A" or "W". These cords are rated for outdoor use and reduce the risk of electric shock. Use in conjunction with a Ground Fault Circuit Interrupter (GFCI). If operating a power tool in a damp location is unavoidable, the use of a GFCI reduces the risk of electric shock. It is recommended that the GFCI should have a rated residual current of 30 mA or less.
31. Avoid using an unnecessarily long extension cord. Choose a cord that is appropriate for the situation, as a cord that is too long and running across the floor can be more dangerous than helpful. Using a cord that is too long or too thin could damage the tool. Unroll the cord completely to prevent it from overheating.
32. Place the electrical cord in a position that prevents it from coming into contact with the tool and from getting caught by the work piece. The cord should always stay behind the tool.

### Battery Charger Safety Warnings

1. A battery operated tool with internal batteries or a separate battery pack must only be powered by the included battery. Do not, for instance, mix different brands of tools and batteries or use adapters to allow you to use a battery pack with a different voltage. Using another battery pack could cause a fire.
2. Batteries must only be recharged with the included charger. A charger that may be suitable for one type of battery could cause a fire when used with another battery.
3. Set the tool's trigger switch to the OFF position before installing or removing the battery pack. This will prevent injury due to accidental starts.
4. Do not use the battery charger in damp or wet locations.
5. Do not store battery packs in containers / spaces with loose metal objects. Battery pack terminals could be short circuited if they come into contact with metal objects. In addition to damaging the battery pack, you increase the risk of a fire.

**NOTE:** *Before using your tool for the first time, discharge the battery and then charge the battery pack completely.*

**▲WARNING!** Never burn batteries, as they can explode in a fire. Do not charge leaking batteries. Only a qualified service technician should perform maintenance on the battery pack. Contact local solid waste authorities for instructions on correct disposal or recycling of the battery pack.

# TOOL USE AND CARE

**▲WARNING:** Do not use the tool if the trigger does not function properly. Any tool that cannot be controlled with the ON / OFF switch is dangerous and must be repaired.

1. Use the correct tool for the job. Maximize tool performance and safety by using the tool for its intended task.
2. Do not modify this tool or use for a purpose for which it was not designed.
3. This tool was designed for a specific function. Do Not:
  - a. Modify or alter the tool; all parts and accessories are designed with built-in safety features that may be compromised if altered.
  - b. Use the tool in a way for which it was not designed.

## Unpacking

1. Carefully remove the tool from the package.
2. Retain packing material until you have carefully inspected and satisfactorily installed or operated the tool.
3. Inspect the parts carefully to make sure the tool was not damaged while shipping.

## Charger Operation

1. Insert the battery pack into the charging socket of the charger. Then, plug the charger into the nearest grounded, electrical outlet. The battery is charging when the green light is illuminated and the red light is flashing.

**NOTE:** *Make sure the power circuit voltage is the same as that shown on the charger specifications plate.*

2. Before using the grease gun for the first time, be sure to discharge the new battery before charging. All new rechargeable batteries come with 80% charge from the factory. If the battery pack is installed in the gun, remove it by depressing the two battery release buttons (one button on each side of the battery pack) and pull the battery pack out of the gun.
3. As a battery pack approaches the discharged state, you will notice a sharp drop in tool performance. When the tool is unable to perform the task at hand, it is time to recharge the battery pack. Recharging the battery pack before this condition is reached will reduce the total work life of the pack. Discharging the pack beyond this point can damage the pack.
4. Start the charging process by plugging in the battery charger to the power source and the green light will illuminate. Insert the battery into the charging slot and the red light will flash. When the charging process is complete the red light will stop flashing and remain on.

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

## Installing Grease Cartridge

1. Depress the follower key and pull back on the follower handle. When the follower rod is fully extended (approximately 8 in. or 20 cm), release the follower key.

**NOTE:** *It may be necessary to loosen the grease tube assembly in order to break the vacuum seal.*

2. Remove the plastic cap from the grease cartridge and insert the cartridge into the container.
3. Remove the pull-tab from the grease cartridge and insert the grease tube into the pump assembly.
4. To release the follower rod, depress the follower key and push the follower rod forward into the grease tube assembly. Purge the air from the pump.

## TOOL USE AND CARE CONT.

### To Convert The Gun To Allow Filling From Bulk Container Or Filler Pump

1. 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.
2. Grasp the follower between your thumb and forefinger and flip the follower lip from the rear to the front side.

**NOTE:** *The follower resembles a cup. When the gun is assembled for use with bulk lubricant, the cup opens toward the pump assembly.*

3. Reassemble the follower into the grease tube assembly and position with the follower handle so that the grease tube assembly cap can be tightened onto the container tube.

### To Fill The Gun From A Bulk Container

1. Rotate the grease tube assembly counterclockwise to unscrew the grease tube assembly from the gun.
2. Insert the open end of the grease tube assembly into the lubricant. 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.
3. When the follower rod is fully extended (approximately 8 in. or 20 cm), the grease tube assembly is full. Release the follower key to hold the follower rod in its extended position.
4. Screw the grease tube assembly clockwise into the gun. To release the follower rod, depress the follower key and push the follower rod forward into the grease tube assembly. Purge the air from the pump. See the section To Re-prime.
5. Clean any excess grease from the gun body.

### To Fill The Gun With A Filler Pump

A bulk filler fitting (sold separately) will need to be installed in the grease gun head cap. Replace the pipe plug in the head cap with the bulk loader fitting. Engage the follower rod with the follower by rotating the follower handle. Insert the gun filler nipple into the fill pump socket. Operate the filler pump to fill the container. When the follower rod groove is exposed, the grease tube assembly is filled. The follower rod will be extended approximately 8 inches (20 cm). Disengage the follower rod from the follower by rotating the follower handle. Push the follower rod into the grease tube assembly.

## OPERATION

1. Fully insert the charged battery pack into the grease gun.
2. Connect the high-pressure hose coupler to the grease fitting, and ensure that the coupler is squarely seated on the fitting.
3. Squeeze the trigger switch to activate the grease gun. Grease should now be dispensed through the high-pressure hose coupler and into the grease fitting.
4. When you have finished applying grease, remove the high-pressure hose coupler from the grease fitting by pulling it sideways.

**▲WARNING!** Do not adjust the pressure relief valve. If backpressure in the high-pressure hose exceeds the factory's preset pressure rating, grease will be discharged through the pressure relief valve to prevent motor overload and to limit grease pressure within the hose.

### Removing Empty Grease Cartridge

1. 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.

**NOTE:** *It may be necessary to loosen the grease tube assembly in order to break the vacuum seal.*

## OPERATION CONT.

2. Rotate the grease tube assembly counterclockwise to unscrew the grease tube assembly from the gun.
3. Carefully release the follower handle to eject the empty cartridge from the container tube.

### To Re-prime

**NOTE:** *If the gun loses its prime, it is due to air pockets in the lubricant.*

1. Withdraw the follower rod from the grease tube assembly, and firmly push the follower rod back into the grease tube assembly.
2. Squeeze the trigger switch in short bursts until all air pockets are expelled.
3. If step 2 fails to re-prime the gun, unscrew the grease tube assembly 1-1/2 turns.
4. Push the follower handle into the grease tube assembly until lubricant is released from the grease tube assembly at the point where it screws into the pump housing.
5. Tighten the grease tube assembly and remove excess grease from the exterior of the gun.

## MAINTENANCE

1. Make sure the trigger switch is in the OFF position, the battery is removed from the grease gun, and the charger is unplugged from the electrical outlet before performing any inspection, maintenance, or cleaning.
2. Check the general condition of the grease gun before each use. Check for misaligned or binding moving parts, cracked or broken parts, leaking battery packs, damaged hoses, and any other conditions that may affect the safe operation of the grease gun. If abnormal noise or vibration occurs, have the problem corrected before further use. Do not use damaged equipment. Replace worn parts.
3. Daily maintenance: Use a soft, dry cloth to remove all dirt, grease, and debris from the exterior of the grease gun. Do not use solvents to clean the grease gun.
4. Use only identical replacement parts when servicing. Only use accessories that are intended for use with this tool.
5. If repairs are required, bring your tool to an authorized service centre.

### Storage

When storing, always remove the battery pack from the grease gun. Keep the grease gun and its accessories in a clean, dry location and out of the reach of children.

### Disposing Of The Tool

1. If your tool has become damaged beyond repair, do not throw it out. Bring it to the appropriate recycling facility.
2. Do not incinerate battery packs. Battery packs may explode when exposed to high heat.

# PARTS LISTING

No.	Description	No.	Description
1	Left Cover	21	Plunger
2	Right Cover	22	Collar
3	Battery Pack	23	Pump Head Cup
4	Plug	24	Adjustment Ball
5	Motor	25	Spring
6	Trigger	26	Washer
7	Long Screw (4)	27	Knob
8	Drive Gear	28	Sleeve
9	Bracket	29	Snap Ring
10	Tube	30	Vent Valve
11	Screw (2)	31	Filler Valve
12	Washer	32	Large Gear
13	Gear Housing	33	Sleeve
14	idler Gears (3)	34	Pump Head Cap Cover
15	Planetary	35	Screw (4)
16	Idler Gears (5)	36	Hose
17	Rotor	37	Nozzle
18	Gasket	38	Screw (4)
19	Tube Gasket	39	Screw (6)
20	Push Plate	40	Charger





# TROUBLE SHOOTING

Problem(s)	Possible cause(s)	Suggested solution(s)
Motor does not run.	Battery discharged. Faulty wiring.	Recharge the battery. Take the unit to a qualified service centre.
Pressure relief valve remains open.	Blockage in the line or the grease fitting.	Check the hose and the grease fitting. Remove and clean.
Gun does not dispense grease.	Grease tube is empty. Air in the pump.	Refill the grease tube. Purge the air pockets or re-prime the gun.
Continuous loss of prime.	Air pockets. Plunger is binding in the grease tube assembly. Worn or faulty pump piston.	Empty the grease tube assembly, refill, and re-prime.  Take the unit to a qualified service centre.

## 1 YEAR LIMITED WARRANTY

PERFORMANCE TOOL® extends only the following warranties, and only to original retail purchasers. These warranties give specific legal rights. Except where prohibited by local law, the law of the State of Washington governs all warranties and all exclusions and limitations of warranties and remedies. There may be other rights which vary from state to state. PERFORMANCE TOOL® warrants the product to be free from defects in materials and workmanship under normal use and service. A defective product may be returned for a free replacement within 90 days from the date of purchase, provided that product is returned to place of purchase immediately after discovery of defect. After 90 days and up to one year from date of purchase, PERFORMANCE TOOL® will replace at no charge any parts which our examination shall disclose to be defective and under warranty. These warranties shall be valid only when a sales receipt showing the date of purchase accompanies the defective product or defective part(s) being returned. For part(s) after 90 days, please remit your request, postage prepaid to: PERFORMANCE TOOL, P.O. Box 88259 Tukwila, WA 98138

These warranties exclude blades, bits, punches, dies, bulbs, fuses, hoses, and other consumables which must be replaced under normal use and service. These warranties shall not apply to any product or part which is used for a purpose for which it is not designed, or which has been repaired or altered in any way so as to affect adversely its performance or reliability, nor shall these warranties apply to any product or part which has been subject to misuse, neglect, accident or wear and tear incident to normal use and service. PERFORMANCE TOOL® does not authorize any other person to make any warranty or to assume any liability in connection with its products. Except for warranties of title and the limited express warranties set forth above, PERFORMANCE TOOL® makes no express or implied warranties of any kind with respect to its products. In particular, PERFORMANCE TOOL® makes no implied warranty of merchantability and no implied warranty of fitness for any particular purpose, except that for goods purchased primarily for personal, family or household use and not for commercial or business use, PERFORMANCE TOOL® makes an implied warranty of merchantability (and, if otherwise applicable, an implied warranty of fitness for a particular purpose), but only for the particular qualities or characteristics, and for the duration, expressly warranted above. The laws on limitation of implied warranties may differ from state to state, so the above limitations may not apply in all cases. PERFORMANCE TOOL® shall not be liable for consequential, incidental or special damages resulting from or in any manner related to any product, or to the design, use, or any inability to use the product. The sole and exclusive remedy for a defective product or part shall be the repair, or replacement thereof as provided above. The laws on limitation of remedies or on consequential, incidental or special damages may vary from state to state, so the above limitations may not apply in all cases.