

Owner's Manual & Safety Instructions

Save This Manual Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

21b

Bauer™

21505C-B

20V

HYPERMAX™ LITHIUM

**For Best Results,
Use 3.0 Amp Hour Battery
(Sold Separately)**



FULL SIZED GLUE GUN

Visit our website at: <http://www.harborfreight.com>
Email our technical support at: productsupport@harborfreight.com

57997

When unpacking, make sure that the product is intact and undamaged. If any parts are missing or broken, please call 1-888-866-5797 as soon as possible.

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⚠ WARNING

Read this material before using this product.
Failure to do so can result in serious injury.
SAVE THIS MANUAL.

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WARNING SYMBOLS AND DEFINITIONS

	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.
 DANGER	Indicates a hazardous situation which, if not avoided, will result in death or serious injury.
 WARNING	Indicates a hazardous situation which, if not avoided, could result in death or serious injury.
 CAUTION	Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE CAUTION	Addresses practices not related to personal injury.

IMPORTANT SAFETY INFORMATION

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 battery-operated (cordless) power tool.

Work Area Safety

- Keep work area clean and well lit.**
Cluttered or 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 children and bystanders away while operating a power tool.**
Distractions can cause you to lose control.

Electrical Safety

Do not expose power tools to rain or wet conditions.

Water entering a power tool will increase the risk of electric shock.

Personal Safety

- 1. 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.*
- 2. 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.*
- 3. Prevent unintentional starting. Ensure the Power Switch is in the off-position before connecting to power source, picking up or carrying the tool.** *Carrying power tools with your finger on the Power Switch or energizing power tools that have the Power Switch on invites accidents.*
- 4. Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
- 5. Only use safety equipment that has been approved by an appropriate standards agency.** *Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.*

Power Tool Use and Care

- 1. 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.*
- 2. Do not use the power tool if the Power Switch does not turn it on and off.** *Any power tool that cannot be controlled with the Power Switch is dangerous and must be repaired.*
- 3. Disconnect 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.*
- 4. 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.*
- 5. 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.*
- 6. 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.*



Battery Tool Use and Care

1. **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.
2. **Use power tools only with specifically designated battery packs.**
Use of any other battery packs may create a risk of injury and fire.
3. **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.*
4. **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.

Service

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.*

Glue Gun Safety Warnings

1. When working with plastics, varnish, or similar materials, gases develop that are easily flammable and can lead to explosions. Be prepared for flames to develop and keep suitable fire extinguishing means at hand.
2. The Nozzle becomes very hot. Do not lay the Glue Gun on flammable surfaces when operating the Gun or immediately after turning the Gun off. Always set the Glue Gun on a flat, level surface so that the Nozzle tip is directed upwards and away from the supporting surface.
3. Do not use the Glue Gun near flammable materials.
4. Do not touch the tube of the heating element or the Nozzle when they are hot. They will be hot enough to cause burns during use and for some time afterwards.
5. Do not use the Glue Gun on glass.
6. Do not heat up materials that can be damaged by high temperatures.
7. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.
8. Avoid unintentional starting. Prepare to begin work before turning on the tool.
9. Do not leave the tool unattended when the Battery Pack is connected. Turn off the tool, and remove the Battery Pack before leaving.

10.  The battery Charger gets hot during use. The Charger's heat can build up to unsafe levels and create a fire hazard if it does not receive adequate ventilation, due to an electrical fault, or if it is used in a hot environment. Do not place the Charger on a flammable surface. Do not obstruct any vents on the Charger. **Especially avoid placing the Charger on carpets and rugs; they are not only flammable, but they also obstruct vents under the Charger.** Place the Charger on a stable, solid, nonflammable surface (such as a stable metal workbench or concrete floor) at least 1 foot away from all flammable objects, such as drapes or walls. Keep a fire extinguisher and a smoke detector in the area. Frequently monitor the Charger and Battery Pack while charging.
11. This product is not a toy. Keep it out of reach of children.
12. People with pacemakers should consult their physician(s) before use. Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.
13. The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

Lithium Battery Safety Warnings



LITHIUM BATTERIES STORE A LARGE AMOUNT OF ENERGY AND WILL VENT FIRE OR EXPLODE IF MISTREATED:



1. **DO NOT DO ANY OF THE FOLLOWING TO THE BATTERY PACK:**
 - a. **Open,**
 - b. **Drop,**
 - c. **Short-circuit,**
 - d. **Puncture,**
 - e. **Incinerate, or**
 - f. **Expose to temperatures greater than 140°F.**
2. **Keep Battery Pack dry.**
3. Charge Battery Pack only according to its Charger's instructions.
4. Inspect Battery Pack before every use; do not use or charge if damaged.



SAVE THESE INSTRUCTIONS.

Grounding

⚠ WARNING



TO PREVENT ELECTRIC SHOCK AND DEATH FROM INCORRECT GROUNDING: Check with a qualified electrician if you are in doubt as to whether the outlet is properly grounded. Do not modify the power cord plug provided with the charger. Do not use the charger if the power cord or plug is damaged. If damaged, have it repaired by a service facility before use. If the plug will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance has a polarized plug (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to 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. Do not modify the plug in any way.

Extension Cords

Note: Extension cords must not be used with this item's Charger.

Symbology

	Double Insulated		Read the manual before set-up and/or use.
V	Volts		WARNING marking concerning Risk of Fire. Do not cover Charger ventilation ducts. Charge on fireproof surface only.
~	Alternating Current		WARNING marking concerning Risk of Electric Shock. Properly connect Charger's power cord to appropriate outlet.
A	Amperes		WARNING marking concerning Risk of Explosion. Do not puncture, short, or open battery packs and do not charge damaged battery packs.
n ₀ xxxx/min.	No Load Revolutions per Minute (RPM)		
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.		

Specifications

Battery Type	Bauer 20V Li-ion 64816 (sold separately)
Charger Type	Bauer 20V Li-ion 63947 (sold separately)
Maximum Temperature	455°F (Internal Nozzle)
Glue Stick Diameter	Ø11 (sold separately)

Setup - Before Use:



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Note: For additional information regarding the parts listed in the following pages, refer to *Parts List and Diagram* on page 11.

Functions



Operating Instructions



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Charging Battery Pack

Charge battery before using this tool. Follow instructions included with battery charger (sold separately).

Workpiece and Work Area Set Up

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
3. There must not be objects, such as utility lines, nearby that will present a hazard while working.
4. Remove all flammable and heat sensitive materials from the work area.
5. Plan an insulated, non-flammable surface for the gun to cool down on after use.
6. Keep multiple class ABC fire extinguishers readily accessible while working and while workpiece cools.

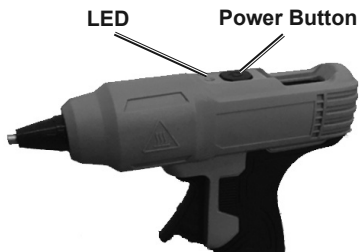
General Operating Instructions

1. Insert fully charged Battery Pack into base of Glue Gun, making sure it clicks into place securely.

▲WARNING! To prevent serious injury or property damage, do not leave the Glue Gun unattended while resting on surfaces or objects.

▲CAUTION! Do not block Air Vents when Glue Gun is in use, it could cause the tool to over-heat.

2. Turn on Glue Gun by pushing Power Switch and the LED should illuminate red. Allow about two minutes for the Glue Gun to heat.



▲CAUTION! To prevent injury or property damage: Do not touch or drop anything onto the Nozzle.

3. When the LED turns green the Glue Gun has heated to operating temperature.
4. Load Glue Stick into the back of the Glue Gun.
5. The Work Light may be illuminated by pressing and holding the Power Switch.
6. Position the Nozzle over the workpiece and squeeze the Trigger to push the glue stick forward and hot glue will expel from the Nozzle.

▲WARNING! To prevent serious injury, including burns: Do not allow the hot glue to touch skin.

7. Apply glue in small amounts and press the glued material together until the hot glue has cooled.

8. When the glue stick cannot move forward, insert a new glue stick behind it. Use the glue stick until it is completely used up.
 9. When finished with the Glue Gun, remove glue stick and any remaining glue inside the Glue Gun by pressing the Trigger until all melted glue is expelled onto a piece of foil or other heat resistant surface. Once the glue has cooled, discard it.
 10. To prevent accidents, turn off the Glue Gun by pressing the Power Switch. The Work Light and LED should turn off.
 - Remove the Battery Pack after use.
 - Allow the Glue Gun to cool down on an insulated, non-flammable surface.
- CAUTION! After use, do not touch Nozzle until it has had time to cool.**

CAUTION! Do not leave work area until Glue Gun has cooled. Be alert for indications of concealed fire.

11. Allow time for the Glue Gun to cool then clean and store the Glue Gun indoors out of children's reach.

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Maintenance and Servicing



Procedures not specifically explained in this manual must be performed only by a qualified technician.

WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Remove Battery Pack before performing any inspection, maintenance, or cleaning procedures.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

- BEFORE EACH USE**, inspect the general condition of the tool. Check for:
 - loose hardware,
 - misalignment or binding of moving parts,
 - cracked or broken parts,
 - blocked Air Vents,
 - damaged electrical wiring, and
 - any other condition that may affect its safe operation.
- AFTER USE**, wipe external surfaces of the tool with clean cloth.
- Li-Ion BATTERY MUST BE RECYCLED OR DISPOSED OF PROPERLY.**
Do not short, incinerate or open battery.

Troubleshooting

Problem	Possible Causes	Likely Solutions
Glue Gun will not turn on.	1. Battery Pack discharged. 2. Battery Pack not properly connected. 3. Internal damage or wear. (Switch, for example.)	1. Recharge Battery Pack. 2. Remove Battery Pack and make sure there are no obstructions. Reinsert Battery Pack and press in firmly until it clicks in place. 3. Have technician service tool.
Temperature insufficient.	Glue Gun not allowed enough time to reach heat level.	Wait for a minute for the gun to reach the desired heat level.

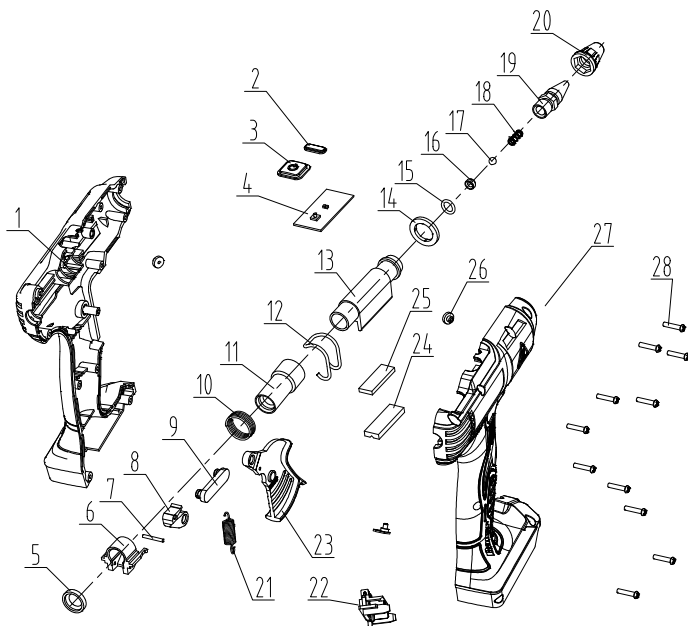


Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

Parts List and Diagram

Part	Description	Qty
1	Left Housing	1
2	Lamp Shade	1
3	Power Switch	1
4	PCBA	1
5	Ring	1
6	Slide Rest	1
7	Straight Pin	1
8	Fixed Mount	1
9	Joint Pipe	1
10	Spring Coil	1
11	Hose	1
12	Pressing Buckle	1
13	Heating Element	1
14	Thermal Insulation Gasket	1

Part	Description	Qty
15	O-Ring	1
16	Spacer	1
17	Steel Ball	1
18	Spring	1
19	Nozzle	1
20	Sleeve	1
21	Extension Spring	1
22	Insert Frame	1
23	Trigger	1
24	Aluminum Plate	1
25	PTC	1
26	Cylindrical Plug	2
27	Right Housing	1
28	Self-Tapping Screw	12



Record Product's Serial Number Here: _____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175430571 when ordering parts.

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

Limited 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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