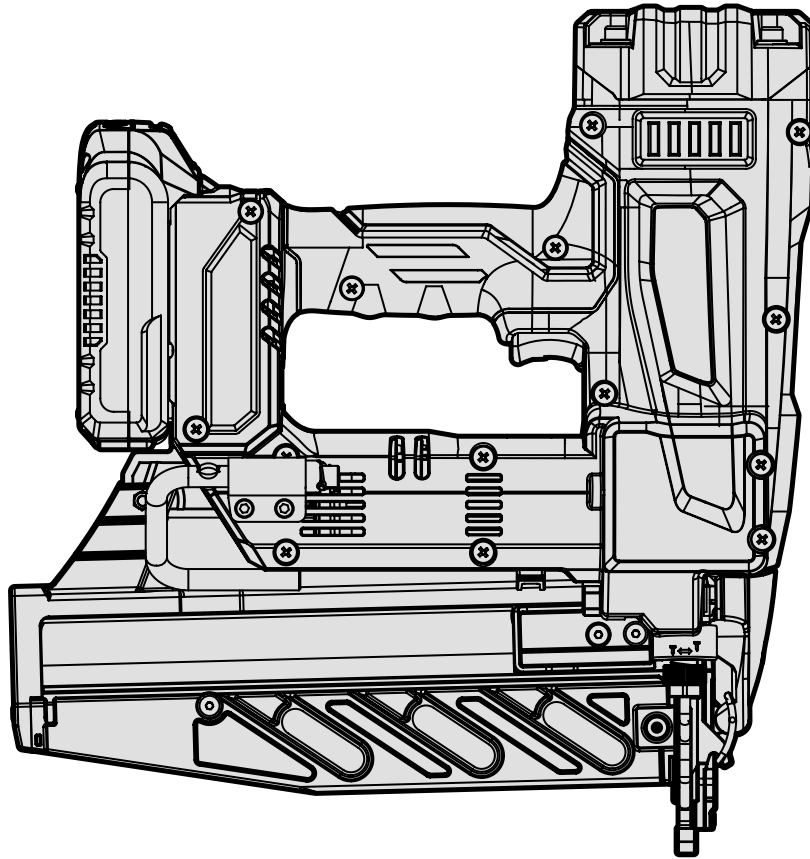




MODEL 20516, 20516BT

20V MAX BRUSHLESS FINISHING NAILER

Instruction Manual



NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:



1-847-429-9263 (M-F 8AM-5PM CST)



TECHSUPPORT@WENPRODUCTS.COM

IMPORTANT: Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.

For replacement parts and the most up-to-date instruction manuals, visit ***WENPRODUCTS.COM***

CONTENTS

WELCOME	3
Introduction	3
Specifications.....	3
 SAFETY	 4
General Safety Rules	4
Finishing Nailer Safety Warnings	6
Electrical Information (Charger)	7
Battery & Charger Safety Warnings	8
 BEFORE OPERATING	 10
Unpacking & Packing List	10
Know Your Finishing Nailer	10
Assembly & Adjustments.....	11
 OPERATION & MAINTENANCE	 14
Operation	14
Maintenance.....	15
Troubleshooting Guide	16
Exploded View & Parts List.....	17
Warranty Statement	20

To purchase accessories and replacement parts for your tool, visit **WENPRODUCTS.COM**

20V 2.0Ah Max Battery (Model 20202)

20V 4.0Ah Max Battery (Model 20204)

20V 5.0Ah Max Battery (Model 20205)

20V 8.0Ah Max Battery (Model 20208)

20V 2A Charger (Model 20200C)

20V 5A Quick Charger (Model 20201Q)



WEN plans to continue to add more items to our 20V line. For an up-to-date list of the 20V cordless tools compatible with the included battery and charger, visit **wenproducts.com**.

INTRODUCTION

Thanks for purchasing the WEN Finishing Nailer. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. Safe operation of this tool requires that you read and understand this operator's manual and all the labels affixed to the tool. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions for your tool.

 Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock or personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

NOTE: The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

At WEN, we are continuously improving our products. If you find that your tool does not exactly match this manual, please visit **wenproducts.com** for the most up-to-date manual or contact our customer service at **1-847-429-9263**.

Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.

SPECIFICATIONS

Model Number	20516, 20516BT
Included Battery*	2.0Ah Battery (Model 20202)*
Included Charger*	20V, 2A DC (Model 20200C)*
Magazine Capacity	100 Nails
Fastener Length	1 in. - 2-1/2 in. (25mm - 64mm)
Fastener Diameter	16-Gauge
Driving Count per Charge	1000 Nails/Charge
Product Dimensions	11.8 in. x 4.3 in. x 12.2 in.
Product Weight	6 Pounds (Without Battery)

Battery Models	All WEN 20V MAX Batteries**
Charger Models	All WEN 20V MAX Chargers

***NOTE:** Battery and charger only included with model 20516. Model 20516BT does not include a battery or charger.

****NOTE:** Some tools may not be compatible with WEN 20V MAX 1.5Ah Batteries, model 49120B. Contact WEN customer service at **1-847-429-9263**, M-F with questions.

GENERAL SAFETY RULES

 **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.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

WORK AREA SAFETY

- 1. Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- 2. 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.
- 3. Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- 1. Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.
- 2. Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- 3. Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- 4. 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.
- 5. 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.

- 6. If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply.** Use of a GFCI reduces 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 a respiratory mask, non-skid safety shoes and hearing protection used for appropriate conditions will reduce the risk of personal injury.
- 3. 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 energizing power tools that have the switch on invites accidents.
- 4. 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.
- 5. Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- 6. Dress properly. Do not wear loose clothing or jewelry. Keep your hair and clothing away from moving parts.** Loose clothes, jewelry or long hair can be caught in moving parts.

GENERAL SAFETY RULES

 **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.

Safety is a combination of common sense, staying alert and knowing how your item works. The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE SAFETY INSTRUCTIONS.

7. 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.

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 switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

3. 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.

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. Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

7. 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.

8. Use clamps to secure your workpiece to a stable surface. Holding a workpiece by hand or using your body to support it may lead to loss of control.

9. KEEP GUARDS IN PLACE and in working order.

SERVICE

1. 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.

CALIFORNIA PROPOSITION 65 WARNING

Some dust created by power sanding, sawing, grinding, drilling, and other construction activities may contain chemicals, including lead, known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling. Some examples of these chemicals are:

- Lead from lead-based paints.
- Crystalline silica from bricks, cement, and other masonry products.
- Arsenic and chromium from chemically treated lumber.

Your risk from these exposures varies depending on how often you do this type of work. To reduce your exposure to these chemicals, work in a well-ventilated area with approved safety equipment such as dust masks specially designed to filter out microscopic particles.

FINISHING NAILER SAFETY WARNINGS

 **WARNING!** Do not let comfort or familiarity with the product replace strict adherence to product safety rules. Failure to follow the safety instructions may result in serious personal injury.

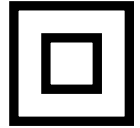
FINISHING NAILER SAFETY

1. DO NOT force the tool to do a job for which it was not designed.
2. INSPECT TOOL BEFORE USE. Do not operate if any portion of the tool, trigger, or safety bracket is damaged, inoperable, disconnected, or altered. Damaged or missing parts should be repaired or replaced.
3. GRIP THE TOOL FIRMLY with both hands to maintain control while still allowing it to recoil away from the work surface as the fastener is driven.
4. KEEP FACE AND BODY PARTS AWAY from the back of the tool cap when working in restricted areas. Sudden recoil can result in impact to the body, especially when nailing into hard or dense material.
5. DO NOT DISCHARGE fasteners into open air, concrete, stone, extremely hard woods, knots, or any material too hard for the fastener to penetrate.
6. DO NOT DRIVE FASTENERS near the edge of your work material. The workpiece may split, causing the fastener to ricochet, injuring you or a bystander. Be aware that the fastener may follow the grain of the wood, causing it to protrude unexpectedly from the side of the work material. Drive the fastener perpendicular to the grain to reduce risk of injury.
7. DO NOT DRIVE FASTENERS onto the heads of other fasteners. Do not use the tool at too steep of an angle. Personal injury from strong recoil, jammed fasteners, or ricocheted nails may result.
8. BE AWARE of material thickness when using the nailer. A protruding nail may cause injury.
9. WHEN THE TOOL IS BEING UTILIZED AT SPEEDS ON THE HIGH END of its operating range, fasteners can be driven completely through thin or very soft work material. Make sure the speed is set so that fasteners are set into the material and not pushed completely through.
10. REMOVE FINGER FROM TRIGGER when not driving fasteners. Never carry the tool with your finger on the trigger.
11. IF THE FASTENERS ARE JAMMED, turn the tool OFF and remove the battery from the tool before removing the jammed fasteners.
12. TURN THE TOOL OFF AND REMOVE THE BATTERY FROM THE TOOL WHEN NOT IN USE. Remove fasteners from magazine before leaving the area or passing the tool to another operator. Do not climb ladders, stairs, scaffoldings, etc. with the tool ON. Do not carry the tool when it is ON to another work area. Do not make adjustments, remove magazine, perform maintenance or clear jammed fasteners while the tool is ON.
13. DO NOT REMOVE, tamper with, or otherwise cause the tool, trigger, or safety bracket to become inoperable. Do not tape or tie the trigger or safety bracket in the ON position. Do not remove springs from the safety bracket. Make daily inspections for free movement of the trigger and safety bracket. Do not alter or modify the tool in any way.
14. MAINTAIN TOOLS PROPERLY. Always keep tools clean and in good working order. Follow instructions for lubricating, changing accessories, and storage.

ELECTRICAL INFORMATION (CHARGER)

DOUBLE-INSULATED CHARGER

The charger's electrical system is double-insulated where two systems of insulation are provided. This eliminates the need for the usual three-wire grounded power cord. Double-insulated tools do not need to be grounded, nor should a means for grounding be added to the product. All exposed metal parts are isolated from the internal metal components with protecting insulation.



IMPORTANT: Servicing a double-insulated product requires extreme care and knowledge of the system, and should be done only by qualified service personnel using identical replacement parts. Always use original factory replacement parts when servicing.

1. Polarized Plugs. To reduce the risk of electric shock, this equipment has 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 proper outlet. Do not modify the machine plug or the extension cord in any way.

2. Ground fault circuit interrupter protection (GFCI) should be provided on the circuit or outlet used for this power tool to reduce the risk of electric shock.

3. Service and repair. To avoid danger, electrical appliances must only be repaired by a qualified service technician using original replacement parts.

GUIDELINES AND RECOMMENDATIONS FOR EXTENSION CORDS

When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage, resulting in loss of power and overheating. The table below shows the correct size to be used according to cord length and ampere rating. When in doubt, use a heavier cord. The smaller the gauge number, the heavier the cord.

AMPERAGE	REQUIRED GAUGE FOR EXTENSION CORDS			
	25 ft.	50 ft.	100 ft.	150 ft.
2.3A	18 gauge	16 gauge	16 gauge	14 gauge

1. Examine extension cord before use. Make sure your extension cord is properly wired and in good condition. Always replace a damaged extension cord or have it repaired by a qualified person before using it.

2. Do not abuse extension cord. Do not pull on cord to disconnect from receptacle; always disconnect by pulling on plug. Disconnect the extension cord from the receptacle before disconnecting the product from the extension cord. Protect your extension cords from sharp objects, excessive heat and damp/wet areas.

3. Use a separate electrical circuit for your tool. This circuit must not be less than a 12-gauge wire and should be protected with a 15A time-delayed fuse. Before connecting the motor to the power line, make sure the switch is in the OFF position and the electric current is rated the same as the current stamped on the motor nameplate. Running at a lower voltage will damage the motor.

BATTERY & CHARGER SAFETY WARNINGS

Despite all of the safety precautions, caution must always be taken when handling batteries. The following points must be obeyed at all times to ensure safe use. Safe use can only be guaranteed if undamaged cells are used. Incorrect handling of the battery pack can cause cell damage.

- **Avoid dangerous environments** – Do not charge the battery pack in rain, snow or in damp or wet locations. Do not use the battery pack or charger in the presence of explosive atmospheres (gaseous fumes, dust or flammable materials) because sparks may be generated when inserting or removing the battery pack, which could lead to a fire.

- **Charge in a well-ventilated area** – Do not block the charger vents. Keep them clear to allow for proper ventilation. Do not allow smoking or open flames near a charging battery pack. Vented gases may explode.

NOTE: The safe temperature range for the battery charging is 41°F to 104°F. Do not charge the battery outside in freezing weather; charge it at room temperature.

- **Maintain charger cord** – When unplugging the charger, pull the plug, not the cord, from the receptacle to reduce the risk of damage to the electrical plug and cord. Never carry the charger by its cord or yank it by the cord to disconnect it from the receptacle. Keep the cord away from heat, oil and sharp edges. Make sure the cord will not be stepped on, tripped over or subjected to damage or stress when the charger is in use. Do not use the charger with a damaged cord or plug. Replace a damaged charger immediately.

- **Do not use an extension cord unless it is absolutely necessary** – Using the wrong, damaged or improperly wired extension cord poses a risk of fire and electric shock. If an extension cord must be used, plug the charger into a properly wired 16 gauge or larger extension cord with the female plug matching the male plug on the charger. Make sure that the extension cord is in good electrical condition.

- **Charger is rated for 120 volt AC only** – The charger must be plugged into an appropriate receptacle.

- **Use only recommended attachments** – Use of an attachment not recommended or sold by WEN Products may result in risk of fire, electric shock or personal injury.

- **Unplug charger when not in use** – Make sure to remove battery packs from unplugged chargers.

 **WARNING!** To reduce the risk of electric shock, always unplug the charger before performing any cleaning or maintenance. Do not allow water to flow into the charger. Use a Ground Fault Circuit Interrupter (GFCI) to reduce shock hazards.

- **Do not burn or incinerate battery packs** – Battery packs may explode, causing personal injury or damage. Toxic fumes and materials are created when battery packs are burned.

- **Do not crush, drop or damage battery packs** – Do not use the battery pack or charger if they have sustained a sharp blow, been dropped, run over or have been damaged in any way (i.e. pierced with a nail, hit with a hammer, stepped on, etc.).

- **Do not disassemble** – Incorrect reassembly may pose a serious risk of electric shock, fire or exposure to toxic battery chemicals. If the battery or charger are damaged, call WEN customer service at **1-847-429-9263** for assistance.

- **Battery chemicals cause serious burns** – Never let a damaged battery pack contact the skin, eyes or mouth. If a damaged battery pack leaks battery chemicals, use rubber or neoprene gloves to safely dispose of it. If skin is exposed to battery fluids, wash the affected area with soap and water and rinse with vinegar. If eyes are exposed to battery chemicals, immediately flush with water for 20 minutes and seek medical attention. Remove and dispose of contaminated clothing.

- **Store your battery pack and charger in a cool, dry place** – Do not store the battery pack or charger where temperatures may exceed 104 °F, such as in direct sunlight or inside a vehicle or metal building during the summer.

- **Do not short circuit** – A battery pack will short circuit if a metal object makes a connection between the positive and negative contacts on the battery pack. Do not place a battery pack near anything that may cause a short circuit, such as paper clips, coins, keys, screws, nails and other metallic objects. A short-circuited battery pack poses a risk of fire and severe personal injury.

BATTERY & CHARGER SAFETY WARNINGS

ABOUT THE BATTERY

1. The battery pack has to be charged completely before you use the tool for the first time.
2. For optimum battery performance, avoid low discharge cycles by charging the battery pack frequently.
3. Lithium-ion batteries are subject to a natural aging process. The battery pack must be replaced at the latest when its capacity falls to just 80% of its capacity when new. Weakened cells in an aged battery pack are no longer capable of meeting the high power requirements needed for the proper operation of your tool, and therefore pose a safety risk.
4. Do not throw battery packs into an open fire as this poses a risk of explosion. Do not ignite the battery pack or expose it to fire.
5. Do not exhaustively discharge batteries. Exhaustive discharge will damage the battery cells. The most common cause of exhaustive discharge is lengthy storage or non-use of partially discharged batteries. Stop working as soon as the performance of the battery falls noticeably or the electronic protection system triggers. Place the battery pack in storage only after it has been fully charged.
6. Protect batteries and the tool from overloads. Overloads will quickly result in overheating and cell damage inside the battery housing even if this overheating is not apparent externally.
7. Avoid damage and shocks. Immediately replace batteries that have been dropped from a height of more than one meter or those that have been exposed to violent shocks, even if the housing of the battery pack appears to be undamaged. The battery cells inside the battery may have suffered serious damage. In such instances, please read the waste disposal information for proper battery disposal.
8. If the battery pack suffers overloading and overheating, the integrated protective cutoff will switch off the equipment for safety reasons.
9. Use only original battery packs. The use of other batteries poses a fire risk and may result in injuries or an explosion.

ABOUT THE CHARGER

Protect battery charger and cord from damage. Keep the charger and its cord away from heat, oil and sharp edges.

Electrical plugs must match the outlet. Never modify the plug in any way. Do not use any adapter plugs with grounded appliances. Unmodified plugs and matching outlets will reduce the risk of electric shock.

Keep the battery charger, battery pack(s), and the cordless tool out of the reach of children.

Do not use the supplied battery charger to charge other cordless tools.

During periods of heavy use, the battery pack will become warm. Allow the battery pack to cool to room temperature before inserting it into the charger to recharge.

Do not overcharge batteries. Do not exceed the maximum charging times. These charging times only apply to discharged batteries. Frequent insertion of a charged or partially charged battery pack will result in overcharging and cell damage. Do not leave battery in the charger for days on end.

Never use or charge a battery if you suspect that it has been more than 12 months since last time they were charged. There is a high probability that the battery pack has already suffered dangerous damage (exhaustive discharge).

Do not use batteries that have been exposed to heat during the charging process, as the battery cells may have suffered dangerous damage.

Do not use batteries that have suffered curvature or deformation during the charging process or those that exhibit other atypical symptoms (gassing, hissing, cracking, etc.)

UNPACKING & PACKING LIST

UNPACKING

Carefully remove the finishing nailer from the packaging and place it on a sturdy, flat surface. Make sure to take out all contents and accessories. Do not discard the packaging until everything is removed. Check the packing list below to make sure you have all of the parts and accessories. If any part is missing or broken, please contact customer service at **1-847-429-9263** (M-F 8-5 CST), or email techsupport@wenproducts.com.

PACKING LIST

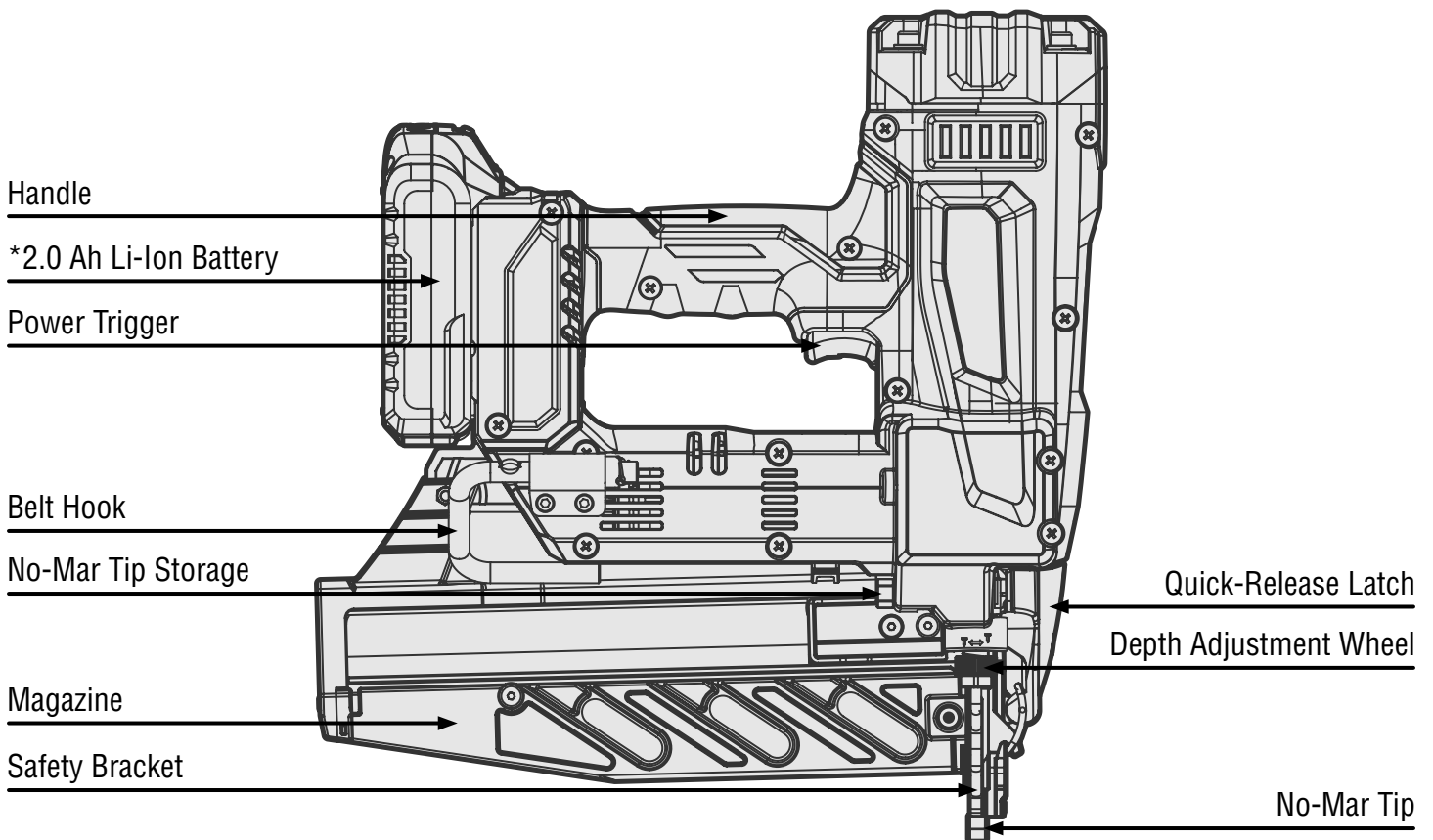
Description	Quantity
Finishing Nailer	1
*20V 2.0Ah Battery	1
*20V, 2A Charger	1

***Only included with model number 20516.**

KNOW YOUR FINISHING NAILER

TOOL PURPOSE

Install trim, build birdhouses, and more with the help of your handy-dandy newfangled WEN 20V Finishing Nailer. Refer to the following diagram to become familiarized with all the parts and controls of your tool. The components will be referred to later in the manual for assembly and operation instructions.



***Only included with model number 20516.**

ASSEMBLY & ADJUSTMENTS

 **WARNING!** To avoid injury from accidental startups, make sure that the tool is OFF and the battery is removed when assembling the tool or when making any adjustments.

CHARGING THE BATTERY PACK

The 20V battery pack for this tool is supplied in a low charge condition to prevent possible problems, and must be charged completely before you use the tool for the first time.

1. Connect charger to a 120V, 60Hz AC outlet. The green light on the charger will illuminate, indicating that the charger is powered.
2. Slide the battery all the way into the charger until it clicks. The red light on the charger will illuminate, indicating that the battery is charging.

Charging Indication:

- Solid Green: Ready to Charge
- Solid Red: Charging
- Solid Green: Charged

3. When the battery is charged, the red light will turn off and the green light will turn on. Remove the battery from the charger and unplug the charger from the power supply.

NOTE: Battery will not reach full charge the first time it is charged. Allow several cycles for the battery to fully charge. The battery pack may become warm while charging; this is normal. If the battery is hot after continuous use in the tool, allow it to cool to room temperature before charging. This will prolong the life of your battery. The battery pack is equipped with three LED battery life indication lights. Press and hold the power button on the rear of the battery to check the battery's charge status.

Battery Life Indication:

- Three Lights: The battery is fully charged.
- Two Lights: The battery is about 60% charged.
- One Light: The battery is almost out of power and needs to be charged.

INSERTING AND REMOVING THE BATTERY

1. To install the battery, slide the battery pack into the battery port at the top of the band saw. Make sure the release latch on the rear side of the battery pack snaps into place and battery is secure before beginning operation.
2. To remove the battery pack, press the battery release latch on the front of the battery and pull the battery pack out.

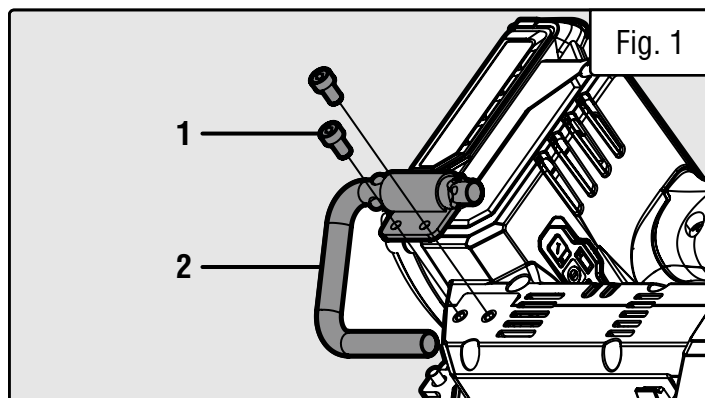
ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, make sure that the tool is OFF and the battery is removed when assembling the tool or when making any adjustments.

ADJUSTING THE BELT HOOK

The belt hook comes pre-installed on the nailer but can be used on either side of the nailer depending on your preference.

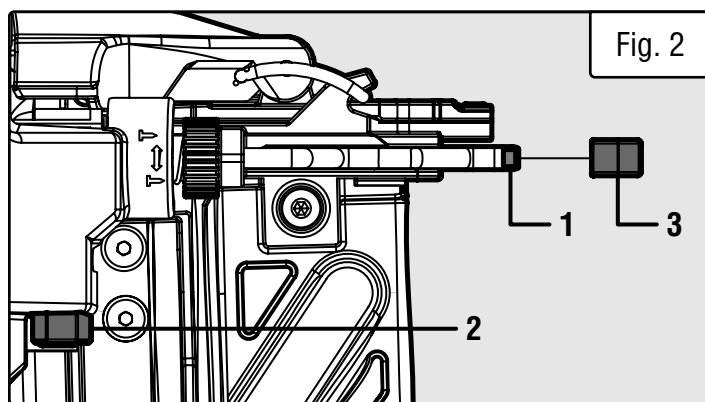
1. Make sure that the tool is OFF and the battery is removed before making any adjustments.
2. Using a hex wrench (not included), loosen the two mounting screws (Fig. 1 - 1) on the belt hook (Fig. 1 - 2) and remove it from the nailer.
3. Move the belt hook to the desired position and re-install it using the two mounting screws. Make sure the belt hook is secure.



USING THE NO-MAR TIP

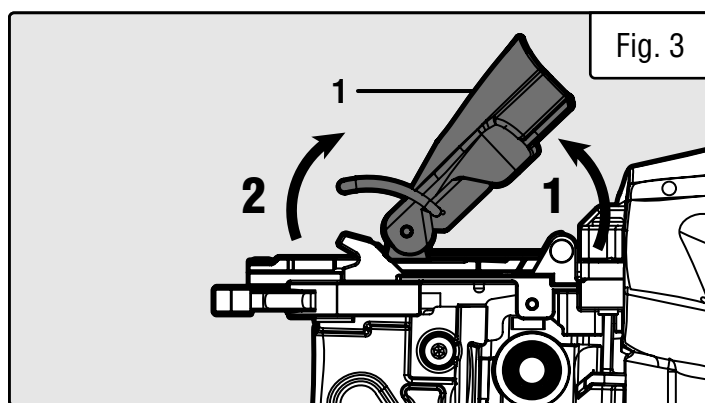
Your nailer comes with one no-mar tip that is pre-installed on the safety bracket tip (Fig. 2 - 1). The no-mar tip protects the work surface from being marred when firing a nail. When the no-mar tip is not in use, you can store it on the no-mar tip storage bracket (Fig. 2 - 2).

1. Make sure that the tool is OFF and the battery is removed before making any adjustments.
2. To install the no-mar tip (Fig. 2 - 3), carefully push it onto the tip of the safety bracket.
3. To remove the no-mar tip (Fig. 2 - 3), carefully pull it off the tip of the safety bracket.



CLEARING JAMMED FASTENERS

1. Make sure that the tool is OFF and the battery is removed before making any adjustments.
2. Lift up the quick-release latch (Fig. 3 - 1) and open the front plate. Remove the jammed fastener with a slotted head screwdriver (not included).
3. Close the front plate and latch. Make sure that the latch is secure before beginning operation.



ASSEMBLY & ADJUSTMENTS

⚠ WARNING! To avoid injury from accidental startups, make sure that the tool is OFF and the battery is removed when assembling the tool or when making any adjustments.

ADJUSTING THE NAIL DEPTH

1. To decrease the depth of the nail, turn the depth adjustment wheel (Fig. 4 - 1) to the right.
2. To increase the depth of the nail, turn the depth adjustment wheel (Fig. 4 - 1) to the left.

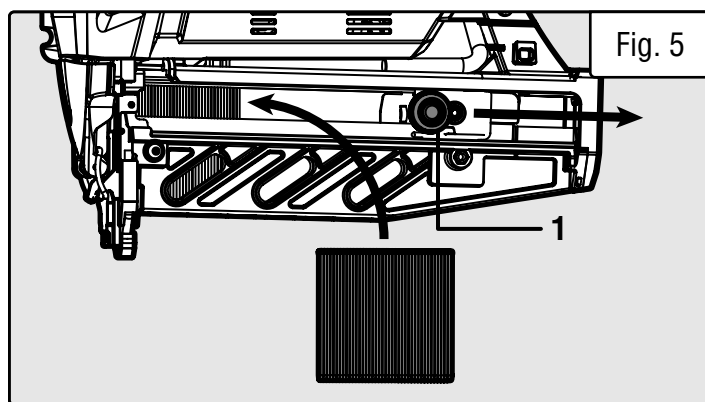
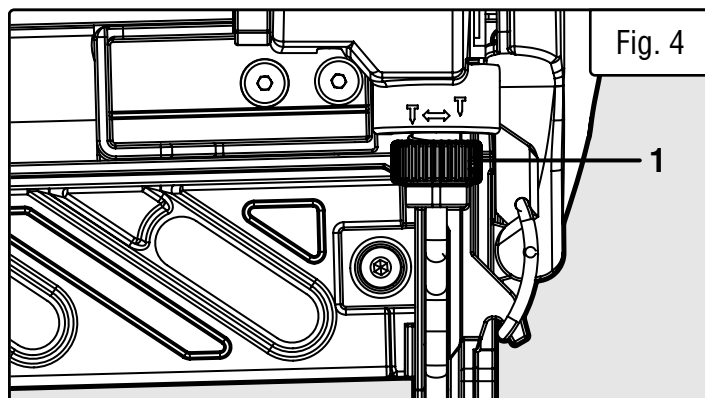
LOADING THE MAGAZINE

1. Press the magazine lock (Fig. 5 - 1) to release and open the magazine door.

NOTE: Your nailer accepts 16-gauge brad nail strips of 1 in. to 2.5 in. (25mm - 64mm) in length.

2. Load the magazine. Make sure that the strip of nails is loaded from the end of the magazine as shown in Fig. 5. DO NOT use nail strips that have fewer than 10 consecutive nails. DO NOT add multiple nail strips of different lengths.

3. Once the magazine has been loaded, slide the magazine door closed until you hear a “click”. Make sure that the magazine is securely locked before beginning operation.



OPERATION

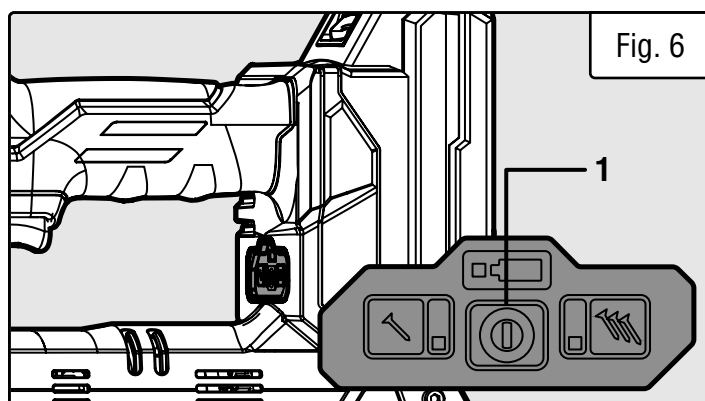
⚠ WARNING! Using this type of tool can be dangerous. To reduce the risk of injury, always wear proper eye and hearing protection when operating this tool. Stay alert and keep proper balance at all times.

DRY FIRE SAFETY

The safety bracket will not depress when there are no nails remaining in the magazine. This helps protect the workpiece in case of a dry fire.

POWERING THE NAILER ON / OFF

1. Install the battery onto the battery port.
2. Turn the nailer ON by pressing the power button (Fig. 6 - 1) and holding it for 2 seconds until the indicator light turns blue.



OPERATION

⚠ WARNING! Using this type of tool can be dangerous. To reduce the risk of injury, always wear proper eye and hearing protection when operating this tool. Stay alert and keep proper balance at all times.

FIRING FASTENERS

1. Check that the fasteners have been loaded into the magazine and that the magazine is securely locked in place.
2. Attach the battery to the battery terminal on the nailer.
3. Test the driving depth on a scrap piece of wood. If the fasteners penetrate too deeply, decrease the firing depth. If the fasteners penetrate too shallowly, increase the firing depth.
4. Hold the nailer upright on the workpiece and position the no-mar tip (Fig. 7 - 1) where the fastener will be driven.
5. Carefully press down and pull the trigger (Fig. 7 - 2) to drive a fastener.
6. Release the trigger, lift the tool off the workpiece and reposition it where the next fastener will be driven. Repeat step 5 to drive another fastener.
7. Once operation is complete, turn the tool OFF and remove the battery. Remove all fasteners from the nailer. Store the nailer in a safe and secure location, out of reach from children.

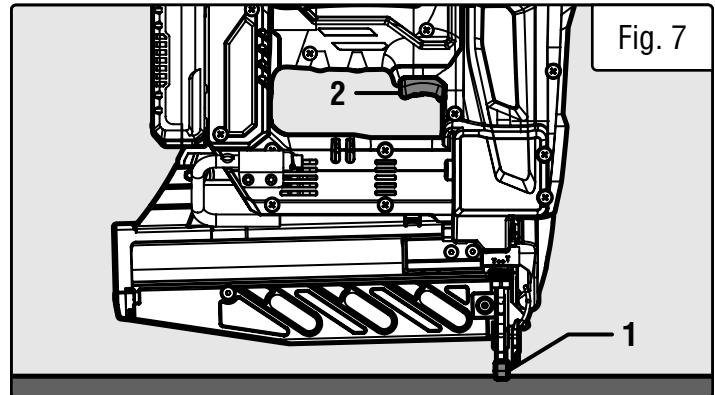


Fig. 7

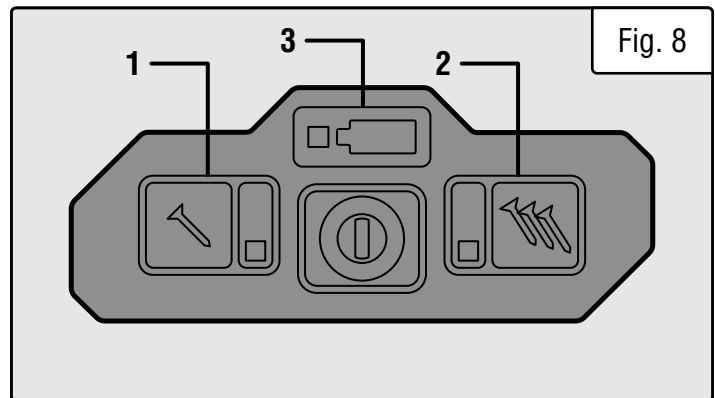


Fig. 8

SWITCHING FIRING MODES

Your nailer has two firing modes, single sequential and bump fire. The single sequential mode fires one single fastener and requires you to release the trigger and reset the safety bracket before firing another fastener. The bump fire mode allows for continuous rapid firing of the nailer without requiring you to release the trigger.

1. To set the nailer to the single sequential mode, press the single sequential mode button (Fig. 8 - 1). The corresponding indicator light will light up when the mode has been activated.

NOTE: If the safety bracket is depressed for longer than 5 seconds without firing, the safety bracket must be reset before you can fire a nail.

2. To set the nailer to the bump fire mode, press the bump fire mode button (Fig. 8 - 2). The corresponding indicator light will light up when the mode has been activated.

NOTE: If the power trigger is pressed for longer than 5 seconds without firing, the power trigger must be released and pressed again before you can fire a nail.

LOW BATTERY CHARGE INDICATOR

1. The low battery charge indicator (Fig. 8 - 3) will flash when the battery charge gets too low. Charge the battery to continue operation.

MAINTENANCE

 **WARNING!** To avoid accidents, turn the tool OFF and remove the battery from the battery terminal before cleaning, adjusting, or performing any maintenance or lubrication work.

 **WARNING!** Any attempt to repair or replace electrical parts on this tool may be hazardous. Servicing of the tool must be performed by a qualified technician. When servicing, use only identical WEN replacement parts. Use of other parts may be hazardous or induce product failure.

ROUTINE INSPECTION

Before each use, inspect the general condition of the tool. If any of these following conditions exist, do not use until parts are replaced or the sharpener is properly repaired.

Check for:

- Loose hardware or improper mounting
- Misalignment or binding of moving parts
- Damaged battery or battery terminal
- Cracked or broken parts
- Any other condition that may affect its safe operation

CLEANING & STORAGE

1. After every use, wipe the tool with a soft cloth. Do not let water enter the tool.
2. Keep the ventilation openings free from dust and debris to prevent the motor from overheating.
3. Most plastics are susceptible to damage from various types of commercial solvents. Do not use any solvents or cleaning products that could damage the plastic parts. Some of these include but are not limited to: gasoline, carbon tetrachloride, chlorinated cleaning solvents, ammonia and household detergents that contain ammonia.
4. Store the tool in a clean and dry place away from the reach of children.

STORING THE BATTERY AND CHARGER

- Make sure the battery is fully charged before storage in order to maximize the life of the battery.
- Do not store the battery pack on the tool. Remove the battery from the tool before storage.
- After charging, the battery pack may be stored in the charger, as long as the charger is not plugged in.
- Store the charger at normal room temperature. Do not store it in excessive heat. Do not use the charger in direct sunlight or in damp conditions. Do not charge outside. Recharge at room temperature.
- Keep the charger clean and clear of debris. Do not allow foreign material to get into the recessed cavity or onto the contacts. Wipe the charger clean with a dry cloth. Do not use solvents or water, and do not place the charger in wet conditions.
- Always unplug the charger when charging is complete. Never leave your charger plugged in if it is not charging a battery.

PRODUCT DISPOSAL

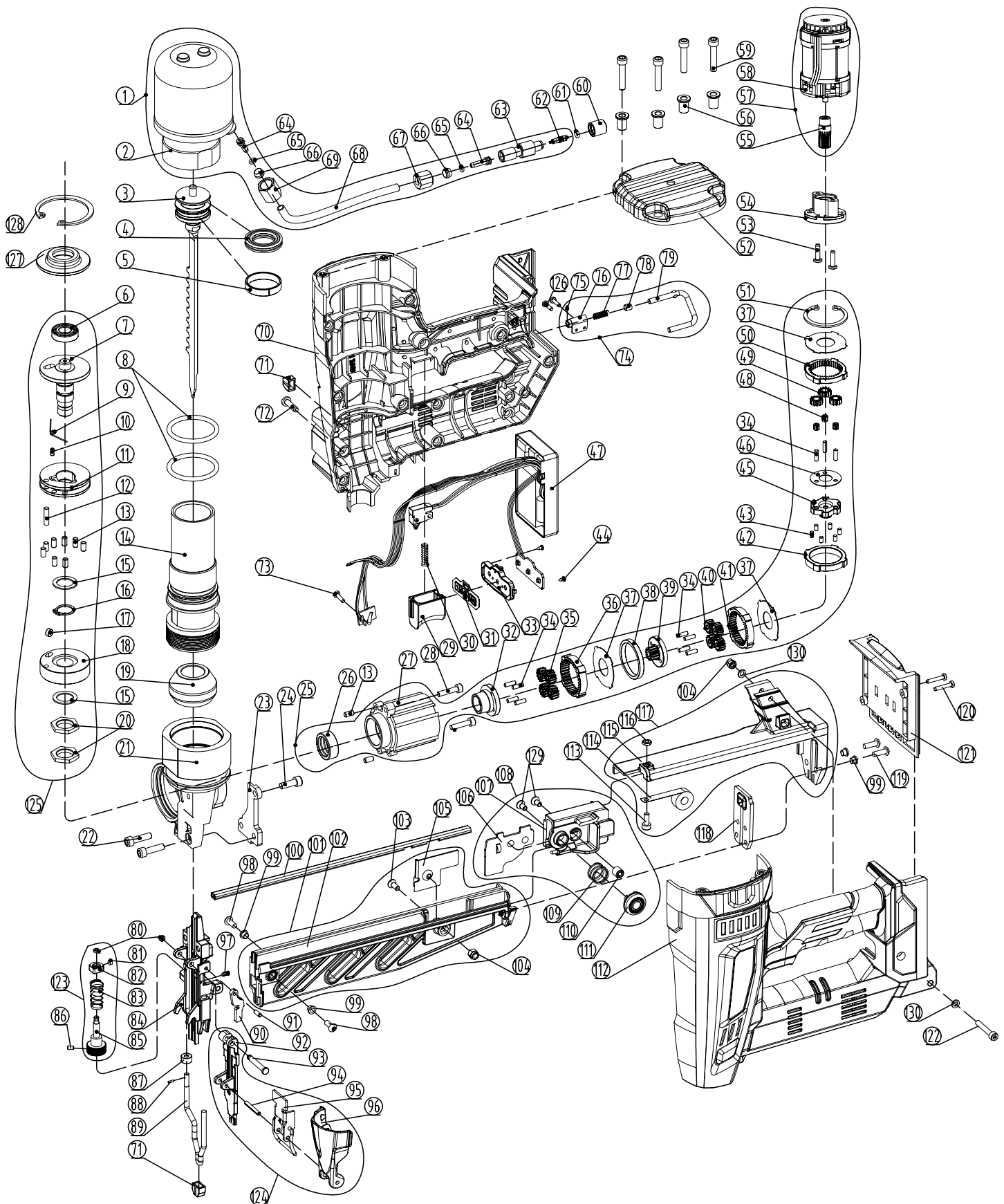
Used power tools should not be disposed of together with household waste. This product contains electronic components that should be recycled. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.

TROUBLESHOOTING GUIDE

⚠ WARNING! Stop using the tool immediately if any of the following problems occur. Repairs and replacements should only be performed by an authorized technician. For any questions, please contact our customer service at **1-847-429-9263**, M-F 8-5 CST or email us at techsupport@wenproducts.com.

PROBLEM	CAUSE	SOLUTION
The tool doesn't turn ON. (LED does not turn ON)	1. The battery is low or not charged.	1. Charge the battery.
	2. The battery is damaged.	2. Replace the battery (model 20202).
	3. The safety bracket is locked in position.	3. Unlock the safety bracket.
	4. The battery terminal is dirty.	4. Clean the battery terminal.
	5. Damaged internal parts.	5. Contact customer service at 1-847-429-9263 .
The tool is ON but doesn't start. (LED light is ON)	1. The safety bracket is not depressed.	1. Check the driving mode. If the tool is set to single-sequential mode, release the trigger and safety bracket. Try refiring the nailer.
	2. The safety bracket is jammed.	2. Unlock the safety bracket.
	3. Damaged internal parts.	3. Contact customer service at 1-847-429-9263 .
The tool is ON but doesn't start.	1. The battery charge is low.	1. Charge the battery.
	2. The battery has overheated.	2. Let the nailer cool down.
The tool operates, but no fastener is driven.	1. A fastener is jammed in the tool.	1. Refer to section "Clearing Jammed Fasteners" on page 12.
	2. There are no nails in the magazine.	2. Load more fasteners into the magazine.
	3. Incorrect fastener has been loaded.	3. Load fasteners with the correct specifications for this tool.
	4. Worn magazine or drive blade.	4. Contact customer service at 1-847-429-9263 .
The tool operates, but does not drive the fastener fully.	1. The battery has low charge or is damaged.	1. Charge or replace the battery.
	2. The depth adjustment wheel is set too shallow.	2. Deepen the drive depth by adjusting the depth adjustment wheel.
	3. The tool is not pressed firmly against the workpiece.	3. Press down more firmly on the workpiece.
	4. The material and fastener length is too tough on the tool.	4. Choose a more appropriate material and fastener for your application.

EXPLODED VIEW & PARTS LIST



EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
1	20516-001ASM	Pressure Vessel As- sembly	1
2	20516-002	Pressure Vessel	1
3	20516-003	Piston Assembly	1
4	20516-004	Seal	1
5	20516-005	Piston Ring	1
6	20516-006	Deep Groove Ball Bearing, 61900-ZZ	1
7	20516-007	Transmission Shaft	1
8	20516-008	O-Ring, 43.3x3.5	2
9	20516-009	Spring	1
10	20516-010	Roller Bearing, 3x7.8	1
11	20516-011	Movable Compressor Plate	1
12	20516-012	Flat Head Roller Bear- ing, 4x15.8	1
13	20516-013	Roller Bearing, 4x7.8	10
14	20516-014	Cylinder	1
15	20516-015	Gasket	2
16	20516-016	External Circlip, 14mm	1
17	20516-017	Magnet	1
18	20516-018	Compressor Plate	1
19	20516-019	Bumper	1
20	20516-020	Nut, M14-1.0	2
21	20516-021	Cylinder Seat	1
22	20516-022	Socket Head Cap Screw, M5x18	2
23	20516-023	Isolation Plate	1
24	20516-024	Socket Head Cap Screw, M5x14	1
25	20516-025ASM	Gearbox Assembly	1
26	20516-026	Support Sleeve	2
27	20516-027	Gearbox Housing	1
28	20516-028	Socket Head Cap Screw, M4x14	2
29	20516-029	Trigger	1
30	20516-030	Spring	1
31	20516-031	Control Panel	1
32	20516-032	Internal Spline	1
33	20516-033	Control Panel Seat	1
34	20516-034	Roller Bearing, 3x9.8	11

No.	Part No.	Description	Qty.
35	20516-035	Third Stage Planetary Gear	4
36	20516-036	Third Stage Gear Ring	1
37	20516-037	Gasket	3
38	20516-038	Block Ring	1
39	20516-039	Third Stage Solar Gear	1
40	20516-040	Second Stage Plan- etary Gear	4
41	20516-041	Second Stage Gear Ring	1
42	20516-042	Outer Block Ring	1
43	20516-043	Roller Bearing, 3x4.8	6
44	20516-044	Self-tapping Screw, ST2.2x4.5	2
45	20516-045	Second Stage Solar Gear	1
46	20516-046	Gasket	1
47	20516-047	Controller	1
48	20516-048	Roller Bearing Seat	3
49	20516-049	First Stage Planetary Gear	3
50	20516-050	First Stage Gear Ring	1
51	20516-051	Internal Circlip, 34mm	1
52	20516-052	Endcap	1
53	20516-053	Self-tapping Screw, ST3.5x13	2
54	20516-054	Motor Gearbox Hous- ing	1
55	20516-055	Connecting Shaft	1
56	20516-056	Bushing	1
57	20516-057ASM	Motor Assembly	1
58	20516-058	Motor	1
59	20516-059	Socket Head Cap Screw, M5x25	4
60	20516-060	End Plug Knob	1
61	20516-061	O-Ring, 7x1.5	1
62	20516-062	Valve Core	1
63	20516-063	End Plug	1
64	20516-064	Bushing	2
65	20516-065	O-Ring, 6.4x1.5	2
66	20516-066	Ferrule	2
67	20516-067	Pipe Nut, G1/8	1

EXPLODED VIEW & PARTS LIST

No.	Part No.	Description	Qty.
68	20516-068	TPU Tube	1
69	20516-069	Nut, M12-1.5	1
70	20516-070	Right Housing	1
71	20518-072	No-Mar Tip	2
72	20516-072	Self-tapping Screw, ST4.2x16	14
73	20516-073	Socket Head Cap Screw, M3x5	1
74	20516-074ASM	Rafter Hook Assembly	
75	20516-075	Spring Pin, 3x12	1
76	20516-076	Hook Seat	1
77	20516-077	Spring	1
78	20516-078	Bushing	1
79	20516-079	Rafter Hook	1
80	20516-080	Bushing	2
81	20516-081	Magnet	1
82	20516-082	Magnetic Shielding Sleeve	1
83	20516-083	Depth Adjustment Spring	1
84	20516-084	Guide Body	1
85	20516-085	Depth Adjustment Knob	1
86	20516-086	Set Screw, M3x5	1
87	20516-087	Adjusting Nut, M4	1
88	20516-088	Dowel Pin, 1.5x5	1
89	20516-089	Safety Bracket	1
90	20516-090	Safety Bracket Holder	1
91	20516-091	Pin, 3x8	1
92	20516-092	Front Plate	1
93	20516-093	Front Plate Pivot Pin	1
94	20516-094	Pin, 3x22	1
95	20516-095	Front Plate Latch	1
96	20516-096	Front Plate Cover	1
97	20516-097	Magazine Spring	1
98	20516-098	Screw, M4x8	2
99	20516-099	Bushing	4
100	20516-100	Magazine Rail	1

No.	Part No.	Description	Qty.
101	20516-101ASM	Lower Magazine Assembly	1
102	20516-102	Lower Magazine	1
103	20516-103	Screw, M4x10	1
104	20516-104	Nut, M4	2
105	20516-105	Feeder Plate	1
106	20516-106	Feeder	1
107	20516-107	Feeder Shoe	1
108	20516-108ASM	Feeder Shoe Assembly	1
109	20516-109	Magazine Latch Spring	1
110	20516-110	Sleeve	1
111	20516-111	Magazine Latch Button	1
112	20516-112	Left Housing	1
113	20516-113	Socket Head Cap Screw, M4x10	1
114	20516-114	Coil Spring	1
115	20516-115	Upper Magazine	1
116	20516-116	Nut, M4	1
117	20516-117ASM	Upper Magazine Assembly	1
118	20516-118	Fixed Seat	1
119	20516-119	Screw, M4x12	2
120	20516-120	Self-tapping Screw, ST2.9x16	2
121	20516-121	Battery Connector	1
122	20516-122	Socket Head Cap Screw, M4x25	1
123	20516-123ASM	Depth Adjustment Knob Assembly	1
124	20516-124ASM	Front Plate Assembly	1
125	20516-125ASM	Compressor Assembly	1
126	20516-126	Socket Head Cap Screw, M4x8	2
127	20516-127	Bearing Cap	1
128	20516-128	Spring Collar	1
129	20516-129	Screw, M4x8	2
130	20516-130	Washer, 4mm	2

NOTE: Not all parts may be available for purchase. Parts and accessories that wear down over the course of normal use are not covered under the warranty.

WARRANTY STATEMENT

WEN Products is committed to building tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

LIMITED WARRANTY OF WEN PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC ("Seller") warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship during personal use for a period of two (2) years from date of purchase or 500 hours of use; whichever comes first. Ninety days for all WEN products if the tool is used for professional or commercial use. Purchaser has 30 days from the date of purchase to report missing or damaged parts.

SELLER'S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the replacement of parts, without charge, which are defective in material or workmanship and which have not been subjected to misuse, alteration, careless handling, misrepair, abuse, neglect, normal wear and tear, improper maintenance, or other conditions adversely affecting the Product or the component of the Product, whether by accident or intentionally, by persons other than Seller. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of Purchase must be a direct vendor of Great Lakes Technologies, LLC. Purchasing through third party vendors, including but not limited to garage sales, pawn shops, resale shops, or any other secondhand merchant, voids the warranty included with this product. Contact techsupport@wenproducts.com or 1-847-429-9263 with the following information to make arrangements: your shipping address, phone number, serial number, required part numbers, and proof of purchase. Damaged or defective parts and products may need to be sent to WEN before the replacements can be shipped out.

Upon the confirmation of a WEN representative, your product may qualify for repairs and service work. When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge for addresses within the contiguous United States.

THIS LIMITED WARRANTY DOES NOT APPLY TO ITEMS THAT WEAR OUT FROM REGULAR USAGE OVER TIME, INCLUDING BELTS, BRUSHES, BLADES, BATTERIES, ETC. ANY IMPLIED WARRANTIES SHALL BE LIMITED IN DURATION TO TWO (2) YEARS FROM DATE OF PURCHASE. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN NO EVENT SHALL SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING BUT NOT LIMITED TO LIABILITY FOR LOSS OF PROFITS) ARISING FROM THE SALE OR USE OF THIS PRODUCT. SOME STATES IN THE U.S. AND SOME CANADIAN PROVINCES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE IN THE U.S., PROVINCE TO PROVINCE IN CANADA AND FROM COUNTRY TO COUNTRY.

THIS LIMITED WARRANTY APPLIES ONLY TO ITEMS SOLD WITHIN THE UNITED STATES OF AMERICA, CANADA AND THE COMMONWEALTH OF PUERTO RICO. FOR WARRANTY COVERAGE WITHIN OTHER COUNTRIES, CONTACT THE WEN CUSTOMER SUPPORT LINE. FOR WARRANTY PARTS OR PRODUCTS REPAIRED UNDER WARRANTY SHIPPING TO ADDRESSES OUTSIDE OF THE CONTIGUOUS UNITED STATES, ADDITIONAL SHIPPING CHARGES MAY APPLY.