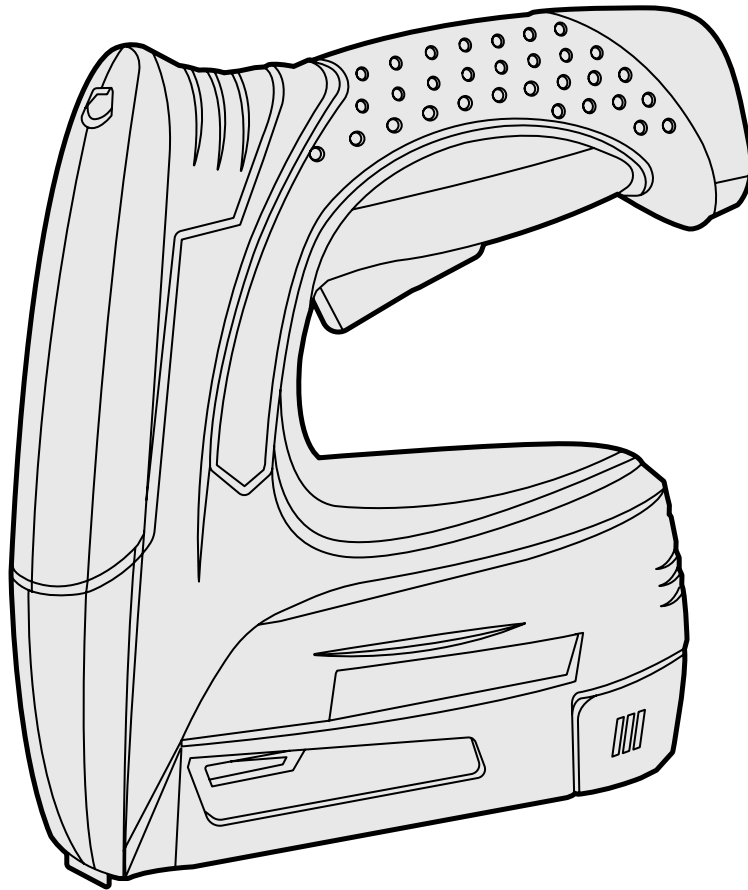




MODEL 49180

CORDLESS 2-IN-1 BRAD NAILER AND STAPLER

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
Brad Nailer & Stapler Safety Warnings.....	6
Battery & Charger Safety Warnings	7
 BEFORE OPERATING	 8
Unpacking & Packing List	8
Know Your Brad Nailer & Stapler	8
Assembly & Adjustments	9
 OPERATION & MAINTENANCE	 10
Operation	10
Maintenance.....	11
Exploded View & Parts List.....	12
Warranty Statement	14

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

INTRODUCTION

Thanks for purchasing the WEN Brad Nailer and Stapler. 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	49180
Included Charger	USB-C
Magazine Capacity	Nails: 50 pcs
	Staples: 100 pcs
Rated Firing Speed	30 Pcs / Minute
Staple Type	Length: 1/4 in. - 9/16 in. Type: T50 Crown Staples
Nail Type	Length: 5/8 in. (15mm) Type: 18-Gauge Brad Nails
Product Weight	1.8 Pounds
Product Dimensions	6.1 in. x 5.9 in. x 1.4 in.

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.

BRAD NAILER & STAPLER 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.

BRAD NAILER & STAPLER SAFETY

1. THIS TOOL IS DESIGNED for household use only, not for industrial or professional purposes. 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.

BATTERY & CHARGER SAFETY WARNINGS

NOTE: Make sure your battery is fully charged. The tool comes equipped with a charger and a built-in battery so there is no need to ever remove or replace the battery.

CHARGING THE BATTERY

1. Plug the charger into the charging port on the back of the tool.
2. Plug the charger into a wall outlet.
3. Charging can take up to 2 hours.

IMPORTANT CHARGING NOTES

1. Only use the provided charger.
2. Charger indicator light status:

While the charger is unplugged:

- Green - High battery capacity (greater than 30%)
- Red - Low battery capacity (less than 30%)

While the charger is plugged in:

- Red - Charging
- Green - Fully Charged

The tool will not fire staples while the charger is plugged in. Always disconnect the charger from the tool once charging is complete.

3. DO NOT charge the battery in temperatures below 40°F and above 104°F.
4. It is recommended to wait 15 minutes after charging the tool before using it to avoid the possibility of overheating and damaging the battery.
5. If the battery does not charge properly:
 - a. Check the current of the receptacle.
 - b. Charge in an area where the temperature is 65°F to 75°F.

CLEANING & MAINTENANCE

Keep the tool and free of dust. Wipe clean with a dry cloth; do not use harsh chemicals to clean.

STORAGE

Store the equipment and accessories in a dark and dry area with a temperature between 41°F to 86°F. Store the electrical tool in its original packaging.

UNPACKING & PACKING LIST

UNPACKING

Carefully remove the brad nailer and stapler 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**.

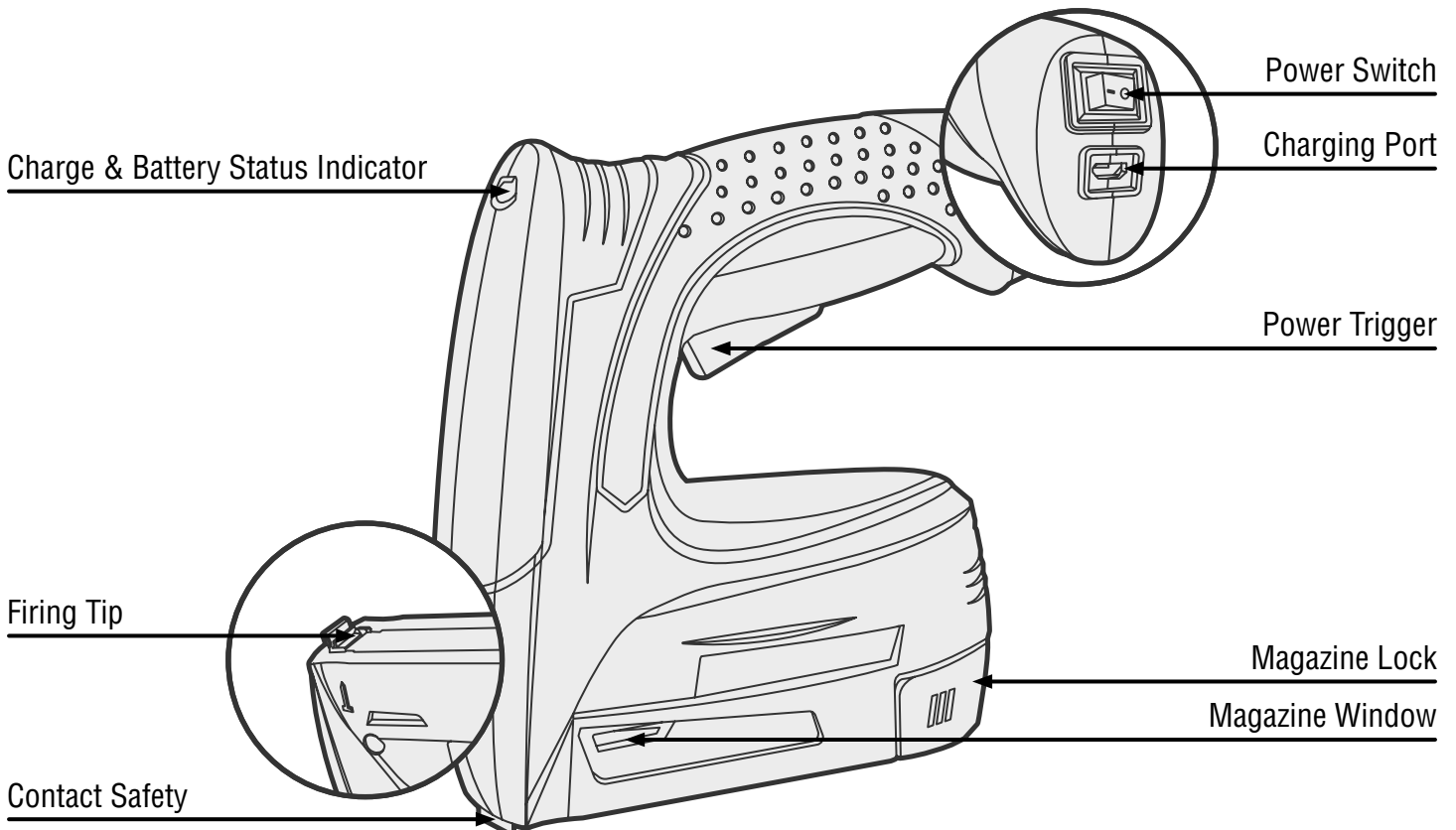
PACKING LIST

Description	Quantity
Nailer and Stapler	1
18-Gauge Brad Nails	100
T50 Crown Staples	400
USB-C Charger	1

KNOW YOUR BRAD NAILER & STAPLER

TOOL PURPOSE

Install trim, build birdhouses, and more with the help of your handy-dandy newfangled WEN Brad Nailer & Stapler. 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.



ASSEMBLY & ADJUSTMENTS

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

⚠ WARNING! To avoid injury from accidental startups, make sure that the tool is OFF when loading fasteners.

⚠ WARNING! Only use fasteners that are recommended for the tool. Using fasteners that do not match the specifications of the tool can result in personal injury or damage to the tool.

⚠ WARNING! Hold the nailer with the magazine at your side. NEVER point the tip at yourself or others.

LOADING & UNLOADING STAPLES

This tool accepts T50 crown staples with a length of 1/4 in. to 9/16 in.

1. Unlock the magazine lock (Fig. 1 - 1) by squeezing both sides and pull back on the magazine cover (Fig. 2 - 1).
2. Insert a row of staples into the opening behind the nose as shown in Fig. 2. The staple legs should be pointing up.

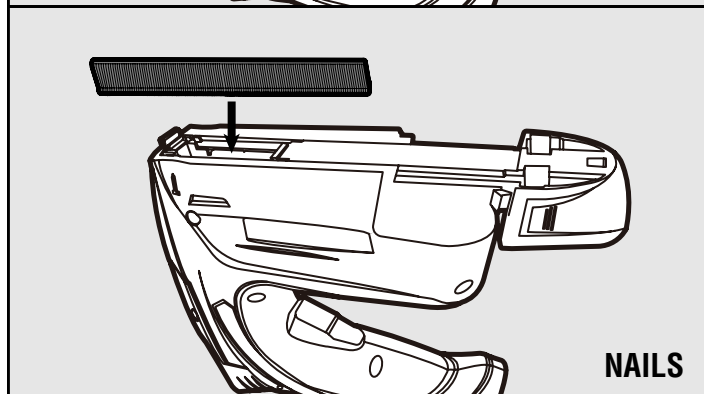
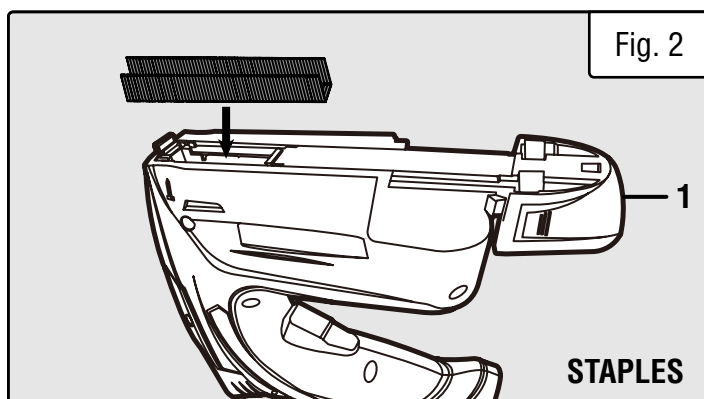
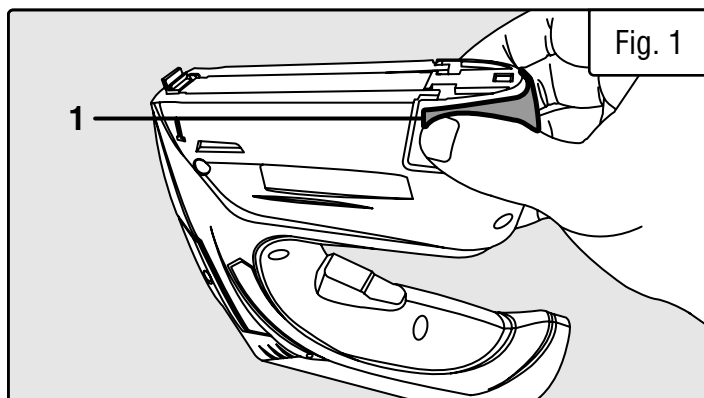
3. Push the loaded magazine back into the unit until it clicks into place.

LOADING & UNLOADING NAILS

This tool accepts 18-gauge brad nails with a length of 5/8 in.

1. Unlock the magazine lock (Fig. 1 - 1) by squeezing both sides and pull back on the magazine cover (Fig. 2 - 1).
2. Insert a row of nails into the opening behind the nose as shown in Fig. 2. Be sure to place the nails on the right side of the magazine marked "LOAD SIDE". The nail heads should sit perfectly against the internal groove. The nail heads should be pointing down.

3. Push the loaded magazine back into the unit until it clicks into place.



⚠ WARNING! Always unload the fasteners once you've completed operation. The tool should not be loaded when it is not in use.

OPERATION

FIRING FASTENERS

1. Make sure that the fasteners are loaded properly in the magazine before beginning operation.
2. Flip the power switch (Fig. 3 - 1) to the ON position.
3. Holding the tool with both hands, place the nose of the tool onto your workpiece where you would like to fire the fastener as shown in Fig. 4. Carefully press down on the tool so that the contact safety (Fig. 5 - 1) depresses.
4. With the contact safety depressed, pull the power trigger (Fig. 3 - 2) to fire a fastener.
5. Steps 3 and 4 will need to be repeated for every single fastener that you would like to fire.

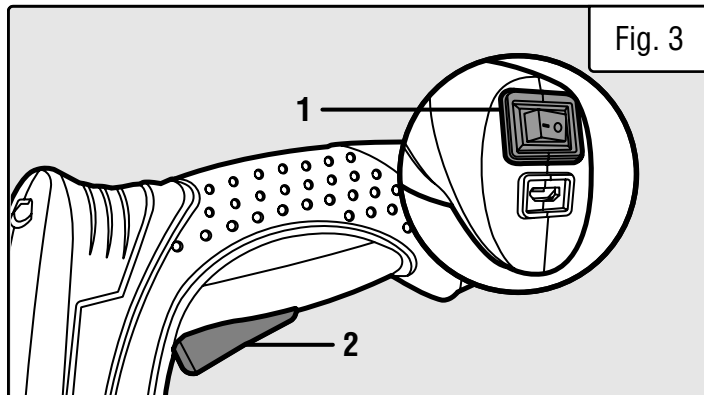


Fig. 3

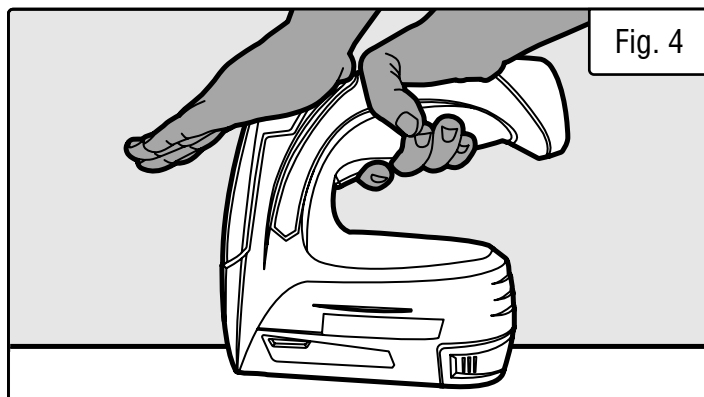


Fig. 4

REMOVING A JAMMED STAPLE

If the tool becomes jammed, you must remove the jammed fastener before continuing operation.

1. Make sure that tool is OFF and the battery is removed from the battery port.
2. Position the tool upside down and open the magazine.
3. Remove all unused staples from the magazine.
4. Locate the jam and remove the fastener with needle-nose pliers (not included).

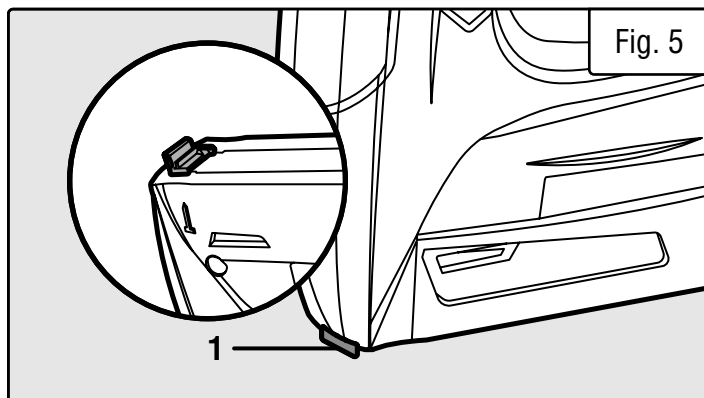


Fig. 5

MAINTENANCE

 **WARNING!** To avoid injury from accidental startups, make sure that the tool is OFF and the battery is removed when performing any maintenance.

CLEANING

Keep tools clean for better and safer performance. Wipe the tool clean with a damp towel and mild soap. Blow the tool clean using compressed air, then use non-flammable cleaning solutions to wipe exterior of the tool as necessary. Do not soak tool with cleaning solutions. Such solutions can damage internal parts.

INSPECTION

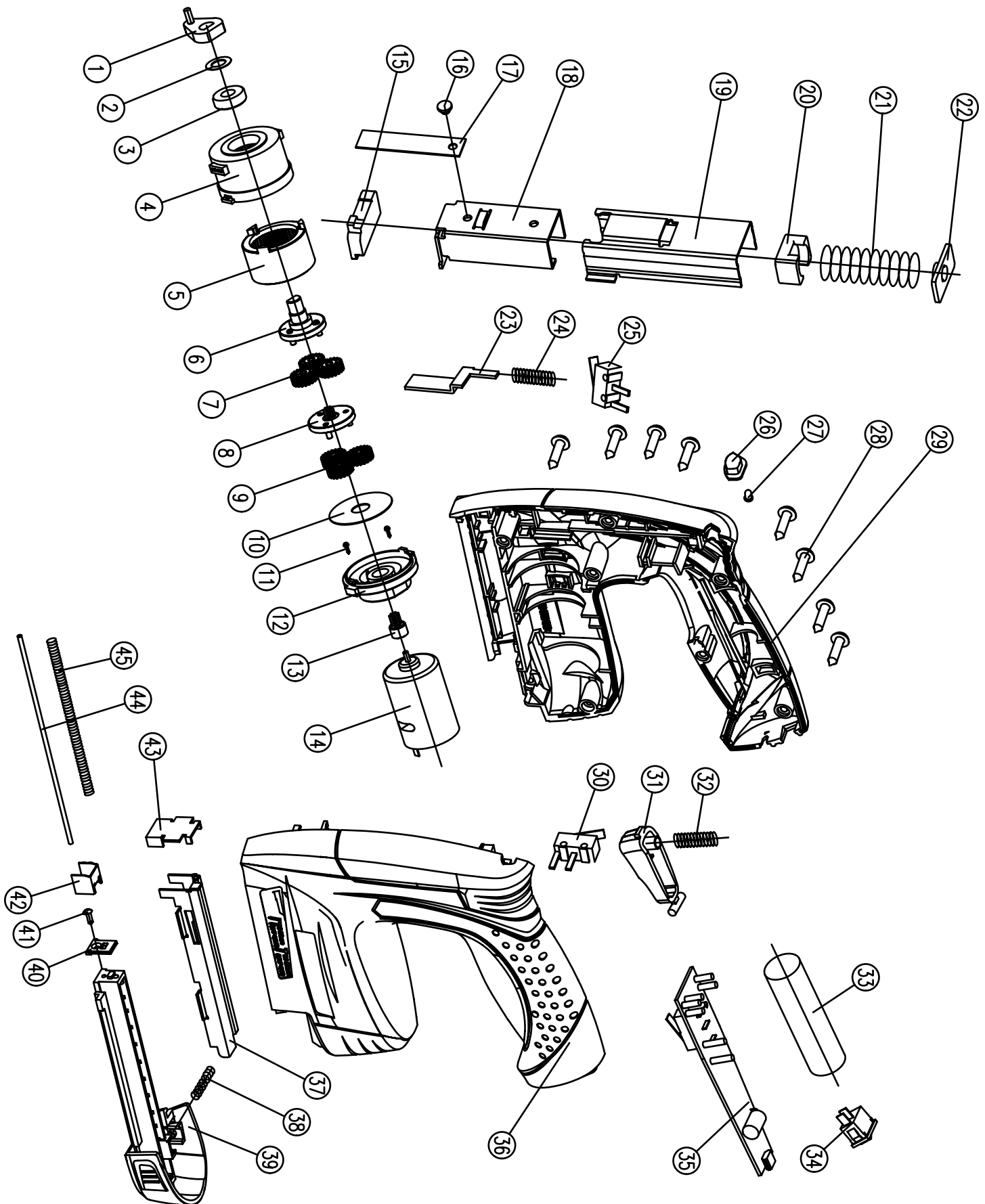
1. Inspect trigger and safety mechanism to assure system is complete and functional (no loose or missing parts, no binding or sticking parts). Do not operate if any portion of the tool, trigger, or nose is damaged, inoperable, disconnected, or altered. Damaged or missing parts should be repaired or replaced before use.

2. Keep all screws tight. Loose screws can cause personal injury or damage the tool.

STORAGE

Store the unit and accessories in a dark, dry, frost-free and well ventilated place, out of the reach of children. The ideal storage temperature is between 50 to 86 °F (10 and 30 °C).

EXPLODED VIEW & PARTS LIST



EXPLODED VIEW & PARTS LIST

NO.	PART NO.	DESCRIPTION	QTY.
1	49180-001	Eccentric Mechanism	1
2	49180-002	Washer	1
3	49180-003	Bearing	1
4	49180-004	Gear Case	1
5	49180-005	Inner Gear Ring	1
6	49180-006	Gear Shaft	1
7	49180-007	Planetary Gear	3
8	49180-008	Gear Cage	1
9	49180-009	Planetary Gear	3
10	49180-010	Gear Plate	1
11	49180-011	Screw	2
12	49180-012	Gear Case Cover	1
13	49180-013	Gear	1
14	49180-014	Motor	1
15	49180-015	Dampening Pad	1
16	49180-016	Striking Pin rivet	1
17	49180-017	Striking Pin	1
18	49180-018	Sliding Mechanism	1
19	49180-019	Nail Feeding Chute	1
20	49180-020	Spring Washer	1
21	49180-021	Impact Spring	1
22	49180-022	Spring Support Pad	1
23	49180-023	Bumper	1

NO.	PART NO.	DESCRIPTION	QTY.
24	49180-024	Spring	1
25	49180-025	Safety Switch	1
26	49180-026	Light Housing Cover	1
27	49180-027	LED Light	1
28	49180-028	Screw	8
29	49180-029	Right Housing	1
30	49180-030	Switch	1
31	49180-031	Trigger	1
32	49180-032	Trigger Spring	1
33	49180-033	3.6V Li-Ion Battery	1
34	49180-034	Power Switch	1
35	49180-035	PCB	1
36	49180-036	Left Housing	1
37	49180-037	Outer Magazine	1
38	49180-038	Magazine Spring	2
39	49180-039	Inner Magazine	1
40	49180-040	Cover Plate	1
41	49180-041	Screw	1
42	49180-042	Nail Pusher	1
43	49180-043	Stapler Mouth	1
44	49180-044	Steel Wire	1
45	49180-045	Return Spring	1

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.

**THANKS FOR
REMEMBERING**

