



Part No. 916500

Model IM250S-Li2



**IMPORTANT!
DO NOT DESTROY**

It is the customer's responsibility to have all operators and service personnel read and understand this manual.

**CORDLESS 16GA STRAIGHT
FINISH NAILER**

OPERATING MANUAL

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The battery charger system meets all safety requirements for power tools.



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Paslode
An Illinois Tool Works Company
155 Harlem Avenue
Glenview, IL 60025
www.paslode.com

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Introduction and Warranty

Paslode Cordless 16GA Straight Finish Nailer Operating Manual

This manual is intended to acquaint you with the Paslode Cordless 16GA Straight Finish Nailer. Unlike other power fastening tools, this Cordless Nailer is powered by an internal combustion linear motor. In simpler terms, your Cordless Nailer is powered by a motor similar to the one that powers an automobile. The Nailer ignites a fuel and air mixture to produce the energy to drive the motor, which in turn drives the fastener. The Nailer is totally self-contained. It carries its own fuel supply and battery, along with a supply of fasteners. For ease of use, this manual is divided into sections (see Contents). Each section of the manual is written with you, the tool operator, in mind. We have left out many of the technical terms so that you can easily understand how to get the maximum performance from your Cordless Brad Nailer, and how to avoid damaging the tool or injuring yourself. But, to accomplish this, we need you to do two things:

- 1. READ THE MANUAL FROM COVER TO COVER BEFORE USING THE TOOL.**
- 2. FOLLOW ALL INSTRUCTIONS IN THE MANUAL.**

The Cordless Finish Nailer should be handled like other power fastening tools that you use. Like most tools, when used improperly injury could result. If you are going to allow others to use the Nailer, it is your responsibility to make sure that they also read and comply with the instructions in this manual before attempting to operate the tool.

Should you have questions about the Cordless Finish Nailer, or wish to obtain additional copies of this manual, please contact your Paslode representative. The space below is provided so that you may record your representative's name and contact info.

Name

Address

City, State, Zip

Phone Number

Paslode Cordless Warranty and Limitations

Paslode warrants that new Cordless power fastening tools, parts and accessories will be free from defects in material and workmanship for the period shown below, after the date of delivery to the original user.

ONE-YEAR LIMITED WARRANTY

A one-year warranty will apply to all parts, except those specifically covered by an extended warranty.

FIVE-YEAR EXTENDED LIMITED WARRANTY

A five-year warranty will apply to all molded nylon parts:

- Motor Housing, Cap, and Grille
- Handle Halves and Actuator
- Trigger
- Magazine Parts

CORDLESS 2 YEAR SERVICE PROMISE

Paslode will service the tool and replace all parts (including battery and charger system) which have failed during normal use for FREE for a period of 2 years from date of purchase.

For 2 Year Service Promise details and limitations see paslode.com/service-and-support

WARRANTY STATEMENT

This warranty is limited to tools sold and service requested in the United States. To obtain information on warranty service in the United States, refer to the Service Center listing that was provided with your tool.

Paslode's sole liability hereunder will be to replace any part or accessory which proves to be defective within the specific time period. Any replacement part or accessory provided in accordance with this warranty will carry a warranty for the balance of the period of warranty applicable to the part it replaces. This warranty does not apply to part replacement required due to normal wear.

This warranty is void on any tool which has been subjected to misuse, abuse, accidental or intentional damage, use with fasteners, fuel, batteries, or battery chargers not meeting Paslode specification, size, or quality, improperly maintained, repaired with other than genuine Paslode replacement parts, damaged in transit or handling, or which, in Paslode's opinion, has been altered or repaired in a way that affects or detracts from the performance of the tool.

PASLODE MAKES NO WARRANTY, EXPRESSED OR IMPLIED, RELATING TO MERCHANTABILITY, FITNESS OR OTHERWISE, EXCEPT AS STATED ABOVE, and Paslode's liability AS STATED ABOVE AND AS ASSUMED ABOVE is in lieu of all other warranties arising out of, or in connection with, the use and performance of the tool, except to the extent otherwise provided by applicable law. PASLODE SHALL IN NO EVENT BE LIABLE FOR ANY DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO, DAMAGES WHICH MAY ARISE FROM LOSS OF ANTICIPATED PROFITS OR PRODUCTION, SPOILAGE OF MATERIALS, INCREASED COST OF OPERATION, OR OTHERWISE.

Paslode reserves the right to change specifications, equipment or designs at any time without notice and without incurring obligation.

Overview of the Paslode Cordless 16GA Straight Finish Nailer

Description

The Paslode Cordless 16GA Straight Finish Nailer is a self-contained, fully portable nailer that uses liquid hydrocarbon fuel to power a unique linear drive internal combustion motor.

In order for you to fully understand the information contained in this manual, you need a basic understanding of the Cordless Nailer. As you can see in the illustration below, the Nailer is made up of three major areas: handle, motor, and magazine.

As you examine the Nailer, become familiar with the three major areas and the various components located in each of them.

The **Handle Assembly** contains the fuel cell, battery, indicator light, and trigger.

The **Motor Assembly** contains the cover and filter, the motor housing, the nose, and the depth-of-drive adjustment.

The **Magazine Assembly** contains the components to load and control the fasteners.

Specifications

Dimensions:	Weight-with battery	4.6 lbs
	Height	11-1/2 inches
	Length	10-3/4 inches
	Width	3-1/2 inches
	Magazine	16GA straight

Cycle Rate: Intermittent Operation - 2 to 3 nails per second

NOTE: Exceeding these cycle rates could cause the tool to overheat, resulting in loss of performance or damage to tool components.

By using the Paslode Cordless Finish Nailer at its recommended cycle rate, you will be able to drive several thousand nails in a typical workday.

Fasteners: 16GA Straight Finish

Magazine Capacity: 2 Nail Strips or 100 Fasteners

Battery: 7 V DC, provides enough energy to drive approximately 12,000 fasteners on a full charge.

Fuel Cell: Part #816007
Liquid hydrocarbon - Provides enough fuel to drive approximately 1200 fasteners

Motor Assembly



Handle Assembly

Magazine Assembly

Overview of the Paslode Cordless 16GA Straight Finish Nailer



QUICK RELEASE-
NOSE PLATE ASSEMBLY



BYPASS FOLLOWER



SOFT RUBBER TRIGGER



SOFT GRIP HANDLE



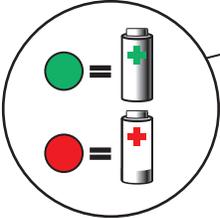
REAR LOAD MAGAZINE



TOOL REST FIXTURE



NO MAR PROBE



FLASHING GREEN
= CHARGED

FLASHING RED
= NEEDS CHARGING



DEPTH OF DRIVE ADJUSTMENT



ADJUSTABLE BELT HOOK



OFF



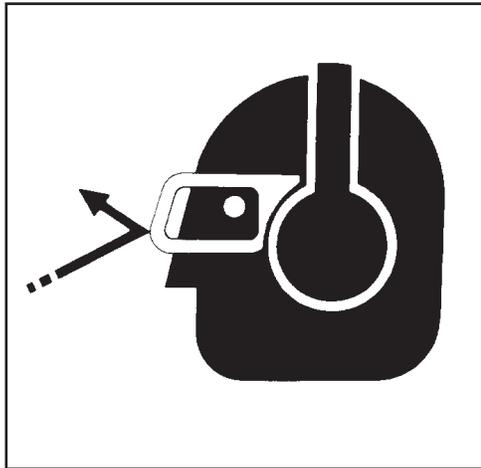
ON

BATTERY OFF / ON

Safety Instructions

The following safety instructions have been included in this booklet to provide you with basic information necessary for safe operation of the Paslode Cordless 16GA Straight Finish Nailer.

DO NOT ATTEMPT TO OPERATE THIS TOOL UNTIL YOU HAVE READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND MANUAL INSTRUCTIONS.



WARNING

Always wear EYE and EAR safety gear when working with or in the vicinity of the Paslode Cordless 16GA Straight Finish Nailer.

1. Eye protection must meet the requirements of ANSI Z87+ and should have side shields for increased protection.
2. NEVER ASSUME THE TOOL IS EMPTY.
3. NEVER ENGAGE IN "HORSEPLAY" WITH THE TOOL.
The Cordless Nailer is not a toy – it is a tool. Careless and improper use may result in a serious accident.
4. NEVER CARRY THE TOOL WITH YOUR FINGER ON, OR SQUEEZING THE TRIGGER.
This practice may result in the accidental discharge of a fastener.
5. NEVER OPERATE A MALFUNCTIONING TOOL.
Refer to the servicing or troubleshooting section of this manual to correct the problem. If the problem cannot be corrected, stop using the tool and report it to your supervisor or Paslode representative.
6. DO NOT LOAD FASTENERS WITH THE TRIGGER AND/OR WORK CONTACTING ELEMENT PRESSED IN.
A fastener may be accidentally discharged.
7. NEVER OPERATE THE TOOL WITH THE PROBE REMOVED OR DISABLED.
This device helps reduce the possibility of accidental fastener discharge by preventing the tool from operating until it is completely against the work surface.
NEVER operate the tool if the Probe is not working properly.
8. ALWAYS POINT THE TOOL AWAY FROM YOURSELF AND OTHERS WHEN CLEARING A JAM OR REMOVING FASTENERS.
Pull the follower slightly back and push the release lever. Tip the tool nose up slightly and fasteners should slide out of the rear of the magazine. If fasteners are jammed, refer to the appropriate servicing section of this manual.
9. NEVER OPERATE THE NAILER IF PARTS ARE LOOSE, DAMAGED OR MISSING.
10. DO NOT DRIVE FASTENERS INTO KNOTS OR ON TOP OF OTHER FASTENERS.
A fastener may ricochet and cause serious injury.
11. OPERATE THE TOOL ONLY ON THE WORKPIECE.

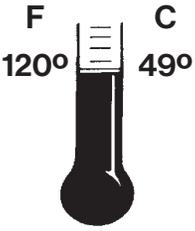


WARNING

The Cordless Finish Nailer should be operated only when it is contact with the work surface. When fastening thin materials such as plywood, be sure to position the tool so that the fastener is driven into the underlying piece.

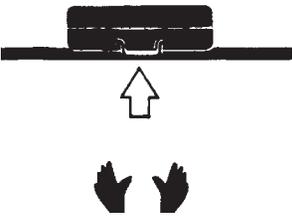
Safety Instructions

	<p>! DANGER</p>
	<p>The Cordless Finish Nailer is an internal combustion device. It produces hot exhaust gases that may ignite flammable materials. This tool must not be used in a combustible environment or in the presence of combustible materials, such as flammable chemicals, adhesives, gasoline, or solvents.</p>

	<p>! WARNING</p>
	<p>Do not expose the tool to temperatures in excess of 120°F (49° C). Fuel and/or the battery may burst, releasing flammable gas.</p>

	<p>! WARNING</p>
	<p>Do not attempt to operate this tool until you have read and understood all safety precautions and manual instructions.</p> <p>Failure to follow all safety precautions and instructions may result in a permanent loss of vision, serious personal or even fatal injury, property damage and/or tool damage.</p>

	<p>! WARNING</p>
	<p>This tool must be operated only in a well-ventilated environment, because the tool exhausts carbon monoxide similar to a gas chainsaw or lawnmower. Exposure to carbon monoxide may cause dizziness, nausea, or unconsciousness.</p>

	<p>! WARNING</p>
	<p>ALWAYS keep the Cordless Finish Nailer, fuel cell, battery, and battery charger out of the reach of children.</p>

Safety Instructions

12. NEVER DRIVE FASTENERS INTO AREAS WITH CONCEALED HAZARDS.

Always check the area behind the work surface for electrical wiring, gas pipes, water pipes, sewer drains, or other potential hazards.

13. ALWAYS MAINTAIN SECURE AND UNOBSTRUCTED FOOTING WHEN ON LADDERS, PLATFORMS, OR OTHER HIGH LOCATIONS.

	 WARNING
	<p>Never over-reach, since tool recoil may cause a loss of balance. Always be aware of edges and drop-offs when nailing on rooftops and other high locations. Keep them in full view.</p>

14. ALLOW ONLY QUALIFIED PERSONNEL TO OPERATE THE CORDLESS FINISH NAILER.

	 WARNING
	<p>Only persons who have read and fully understand all tool operation, safety, and maintenance instructions should be allowed to operate the tool.</p>

Battery Disposal:

The Paslode batteries contain lithium and should be recycled or disposed of properly. It is illegal in some areas to place a lithium battery into the trash or solid waste stream. You may contact your local recycling center for information on where to return the spent battery or call 1-800-822-8837 for information on battery recycling in your area.

15. PROPERLY STORE FUEL CELL.

	 WARNING
	<p>Always store fuel cells where they will not be exposed to an open flame, sparks, or temperatures above 120° F (49° C).</p>

16. ALWAYS STORE THE TOOL WITH THE FUEL CELL AND BATTERY REMOVED.

Store the fuel cell in the case with the Cordless Nailer.

17. KEEP THE TOOL CLEAN.

A clean tool is less likely to jam or malfunction.

18. KEEP YOUR HANDS CLEAR OF THE WORK AREA SURFACE.

	 WARNING
	<p>A fastener may exit at an angle unexpectedly and cause injury.</p>

CHARGING SYSTEM SAFETY INSTRUCTIONS!

**IMPORTANT SAFETY INSTRUCTIONS!
SAVE THESE INSTRUCTIONS!**

 DANGER 
<p>TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, CAREFULLY FOLLOW THESE INSTRUCTIONS</p>

For connection to a supply outside North America, use an attachment plug adapter of the proper configuration for the power outlet, if needed.

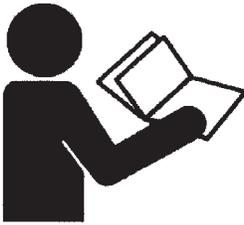
Battery and Charging System

Battery and Charging System

The Paslode Cordless 16GA Straight Finish Nailer comes with a rechargeable battery and its own charging system. This charging system is the **only one that will work with the Paslode lithium-ion batteries**. The first step in preparing a new tool for operation is to fully charge the battery.

New batteries are shipped partially discharged and must be charged prior to first use. Batteries will take 5 minutes to 1.5 hours to recharge (time will be dependent on the amount of discharge of the battery).

Important Charging Notes

	 WARNING
	<p>CHEMICAL / EXPLOSION HAZARD</p> <p>Read ALL instructions before charging or using battery. Failure to follow ALL instructions may result in fire, severe burns, or release of toxic materials,</p>



Charging System Accessories:

Battery Charger - Part No. 902672

Charging Instructions

1. Remove the charger unit from the tool case and plug it into a 120V AC outlet. Set the charger base on a stable surface. A green light will come on to indicate the power is on and the charger circuit is ready.
2. Remove the battery from tool or case and insert terminals down into the charger. The red light will come on indicating that the battery is charging and the green light will go out.

NOTE
<p>If battery is completely discharged, the red light and green light may alternate back and forth for up to 20 minutes. This safety feature slowly recharges the battery until it is ready to accept the full charging current. If the red and green lights continue to alternate after 20 minutes, replace the battery.</p>

3. After charging is complete, the red light will go out and the green light will come on, indicating that the battery is fully charged. The charger will keep the battery at full charge until it is removed.
4. Unplug the charger from the 120V AC outlet.

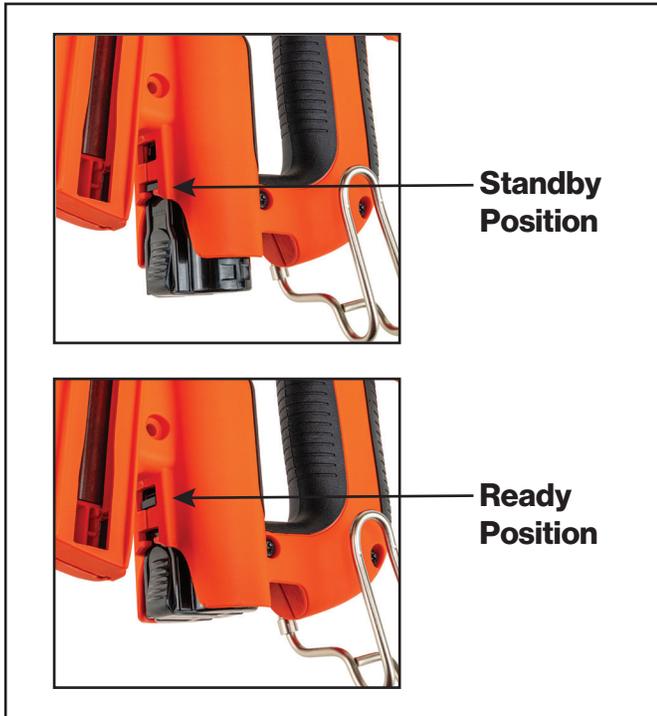
CHARGING TIMES:

First charge (new battery) **1.5 hours**
 Discharged Battery: 5 minutes to 1.5 hours

CHARGING DON'TS:

1. Do not charge battery outdoors or in temperatures below 45°F (7°C).
2. Do not allow metal objects to come in contact with the battery terminals.
3. Do not puncture or attempt to open battery case or cells.
4. Do not store battery where it will be subjected to temperatures above 120°F (49°C).
5. Do not incinerate battery.
6. Do not use a defective battery charger, one that overheats and/or smokes when plugged in.
7. Do not immerse the battery or charger in water.

Battery and Charging System



Inserting Battery

1. Load the battery, contacts first, into the Cordless Finish Nailer.
2. Push battery fully forward into its locked **Ready Position**. The battery indicator light will light.
3. To disengage the battery, push down on locking tab and slide battery back until it locks into the **Standby Position**.
4. To remove battery, push down on locking tab and slide battery out.

Battery Indicator Light

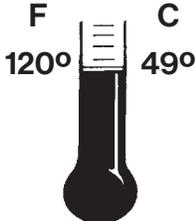
On the right side of the handle is a small plastic lens. This is the battery indicator light. When you insert a fully-charged battery into the tool, you will see a blinking green light. If the indicator light blinks red, recharge the battery.



NOTE: If battery is left in tool for an extended period, the battery will discharge completely and will require recharging.

Fuel Cell

Fuel Cell

	 DANGER
	EXPLOSION / FIRE HAZARD Read ALL safety instructions before using or handling the fuel cartridge. Failure to follow ALL instructions may result in explosion or fire. This may cause severe personal injuries or property damage.
	 Keep the fuel cell away from heat, sparks, and open flame.  Exposure to temperatures above 120°F (49°C) may cause the fuel cell to burst, releasing flammable gas.

There is a second container inside the fuel cell. The inner container holds the fuel. The space between the inner container and the outer cylinder is filled with a gas, called the propellant, which is under pressure.

To eject the fuel, propellant pressure squeezes the inner fuel container. This squeezing action ensures that all the fuel is used, and that the Cordless Nailer can operate in any position.

Because of this container-within-a-container design, you might hear the sound of fluid when shaking the fuel cell after all the fuel has been used. This is the propellant, which remains between the containers even after all the fuel has been expelled.

If you expose the empty fuel cell to extreme temperatures, the propellant gas will expand and could cause the container to burst, releasing flammable gases.

NOTE

When replacing the fuel cell also clean or replace the air filter for optimum tool operation.

WARNING

Sunlight can raise the inside temperature of an unventilated car or van to above 140°F (60°C).

Never puncture or attempt to open the fuel cell, it is non-refillable.

Never incinerate, reclaim, or recycle the fuel cell.

Never smoke while installing the fuel cell.

Never inhale the spray.

Keep out of the reach of children.

Store fuel cell(s) in well-ventilated areas only.

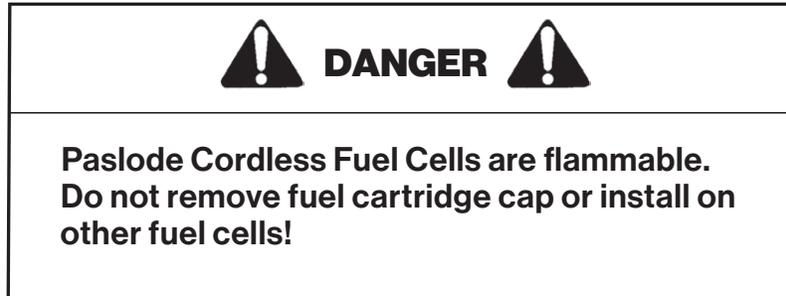
NOTE: Altitude Restriction

Paslode Cordless technology is powered by an internal combustion engine, which is affected by altitude. The tool may lose power or become erratic at elevations of 6000 feet or greater.

Fuel Cell

Note:

Paslode Fuel Cells are marked with a “Best Used Before” date on the bottom of the can. For maximum performance use fuel before the “Best Used Before” date.



Paslode Cordless Fuel Cell Disposal Guidelines

Paslode, the industry leader in cordless technology, provides this information to assist users with the proper disposal of discarded fuel cells. Acceptable disposal options vary depending on the type of fuel cell user. All users must consider federal, state, and local solid waste regulations to ensure that discarded fuel cells are disposed of properly. Users must contact their local solid waste authority for further guidance.

Discarded fuel cells (used or unused) may be considered hazardous waste under the Resource Conservation and Recovery Act (RCRA). In general, “household wastes” generated by homeowners and their contractors are exempt from hazardous waste regulation because those wastes are expressly excluded from the definition of hazardous waste. For example U.S. EPA has excluded as “household waste” aerosol cans that contain residual product and propellant. Thus under federal hazardous waste

regulations homeowners and contractors may dispose of discarded fuel cells as general refuse in a properly permitted municipal landfill. These users must still contact their local solid waste authority to determine if any state or local regulation prohibits or restricts such disposal.

Paslode takes no responsibility for improper fuel cell disposal. Proper disposal remains the responsibility of sellers and users. All sellers and users must contact their local solid waste authority to determine if any federal, state, or local regulation prohibits or restricts disposal. Users may obtain more information about U.S. EPA hazardous waste regulations at the following internet address: www.epa.gov

Alternatively users may contact U.S. EPA’s Toxic Release Information Center at 1-800-424-9346 to receive more information.

Fuel Cell

CORRECT FUEL CELL LOADING PROCEDURE



1
To open - Push forward, lift then back



2
Open fuel door assembly



3
Open fuel door fully



4
Raise fuel tube block assembly, it will lock in up position



5
Load fuel cell



6
Carefully align fuel adaptor and cell stem



7
To close - Push forward, then down to lock fuel door



8
Note: Fuel cell Dosing Lever must be in the down position

Preparing the Paslode Cordless 16GA Straight Finish Nailer for Use

Fasteners

The Paslode Cordless 16GA Straight Finish Nailer drives Paslode 16 gauge straight finish nails designed to be used with the tool. The use of fasteners that do not meet Paslode standards could cause tool damage and will void all warranty claims.

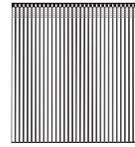
Loading Fasteners



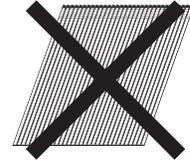
Lockout Feature

When the follower reaches the lockout area (5 nails remaining) the tool will automatically lock to prevent it from firing. To unlock the tool, simply reload another strip of nails.

The purpose of this feature is to prevent needless blank cycling, which could mar woods, waste fuel, and damage tool components. Five (5) nails will be left in the magazine when the follower reaches the lockout area. When changing fastener length or loading the tool you should inspect the magazine and nose for any fasteners left in the tool. These nails will not be visible unless you open the quick-clear of the tool.



**Use only
Paslode 16 gauge
Straight Finish Nails.**



**Do NOT use
Angled
Finish Nails!**

Paslode Cordless 18GA Straight Brad Finish Nailer and Outdoor Weather

Use the Cordless Finish Nailer outdoors, in dry weather, when the nailer, fuel cell, and battery are between 45°F (7°C) and 120°F (49°C).

Hot Weather Operation

The Cordless Nailer requires cooling of the motor assembly to work properly. The fan normally provides the necessary air flow to permit continuous operation. Whenever the Nailer is idle for extended periods, keep the fuel and tool out of direct sunlight and in surroundings where temperatures will not exceed 120°F (49°C). After extended periods of continuous use, it may be necessary to cool the motor by setting tool aside for 10-15 minutes or until the tool operates normally. An overheated tool may not drive nails completely or may operate erratically.

Cold Weather Operation

When storing the Cordless Nailer in temperatures below 45°F (7°C) it may be necessary to first warm up the fuel and tool for proper operation.

Fuel cells at colder temperatures can lose their required propellant pressure. To correct this simply warm up the fuel cell by placing it in an inside coat pocket for several minutes.

Once the fuel is warm, insert the cartridge into the tool. Quickly depress the tool two times onto the work surface and hold the tool in the down position after the second actuation. Wait one or two seconds, then pull the trigger. This action is referred to as "double-pumping" and provides a richer fuel mixture to the cold tool to help initiate combustion.

Paslode Cordless 16GA Straight Finish Nailer Operation

Cold Weather Operation (Continued)

It will be necessary to repeat this procedure several times until the temperature of the tool warms up enough to operate in its normal mode.

Once the tool reaches operational temperature the tool will generate its own heat and will function normally.

If the tool sits for an extended period of time and cools down, it may be necessary to repeat these steps.

WARNING

During the warm-up process, never expose the tool, fuel cell, or battery to flame.

CAUTION

The Cordless Nailer should not be used in the rain or where excessive moisture is present. The use of the Paslode Cordless Technology under these conditions may result in damage to the tool components and cause the tool to malfunction.



PRESS NO MAR PROBE AGAINST THE WORK SURFACE.

Fan motor starts, fuel is injected into combustion chamber and mixed with air by the fan.



SQUEEZE TRIGGER
Spark plug ignites the fuel/air mixture, driving the piston assembly down on the fastener.



RELEASE TRIGGER - LIFT TOOL
Combustion chamber opens. Fan exhausts, cooling internal components.

DANGER

The Probe and nose will become hot after prolonged or rapid use. If it becomes necessary to adjust the Probe, avoid touching it with bare hands.

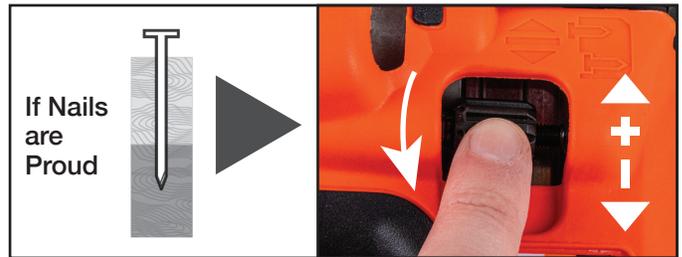
CAUTION

This tool must be operated in a well ventilated environment, because the tool exhausts carbon monoxide similar to a chainsaw or lawn mower. Exposure to carbon monoxide may cause dizziness, nausea, or unconsciousness.

Depth of Drive Adjustment

Remove the battery before adjusting the depth of drive.

The depth of drive adjustment is done by turning the adjustment wheel as shown by the arrows on the side of the tool.



INCREASE DEPTH OF DRIVE

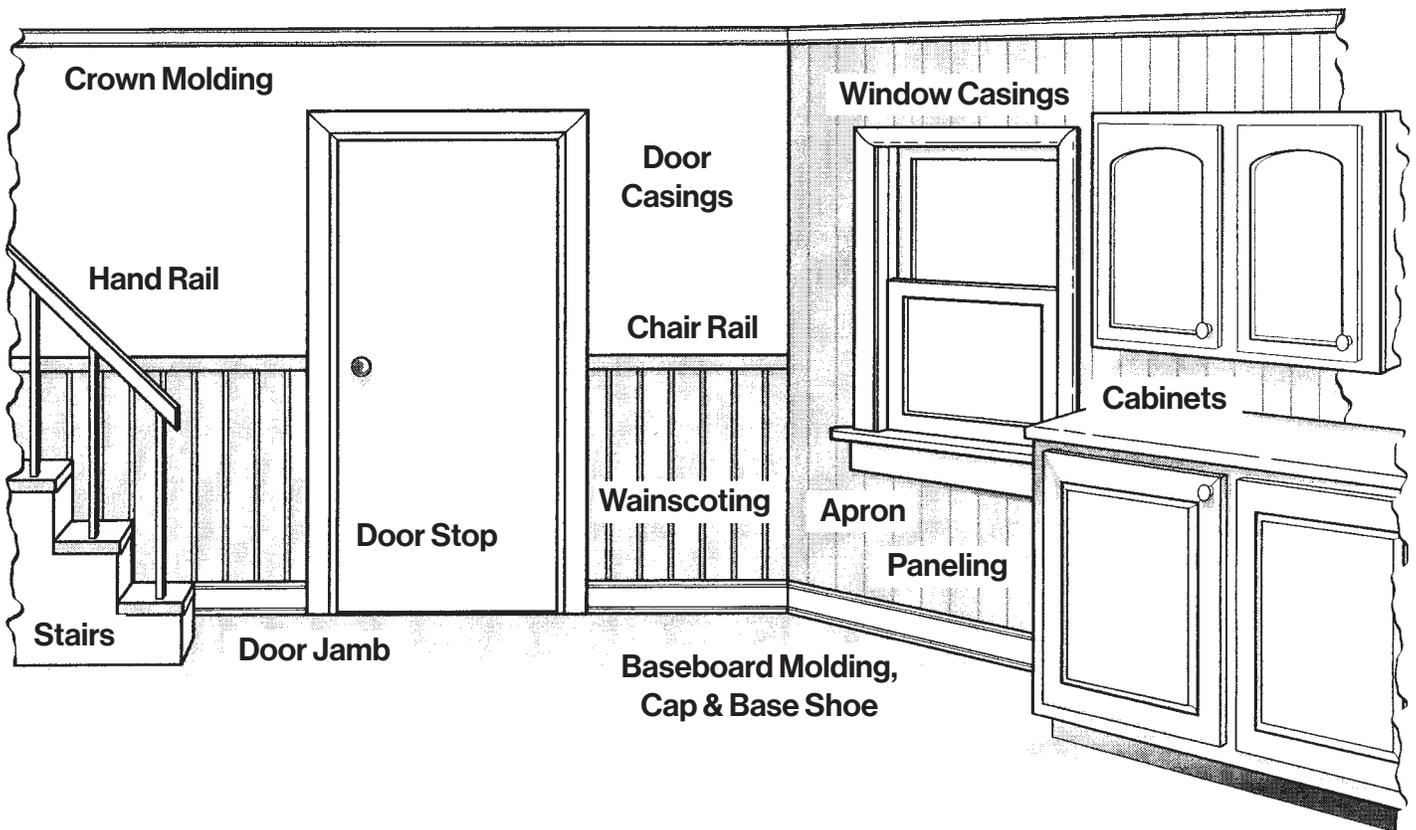


DECREASE DEPTH OF DRIVE

Fasteners and Applications

Applications

The Paslode Cordless 16GA Straight Finish Nailer is suited for a variety of applications. These include securing door and window casings, attaching baseboards where walls meet floors, attaching moldings where walls meet ceilings, securing paneling, chair rails, picture molding and other decorative trim.



Fasteners

The Paslode Cordless 16GA Straight Finish Nailer drive Paslode 16GA Straight Finish Nails. Fasteners are collated into strips of 50 for easy loading. Paslode fasteners are designed to be used in Paslode tools. Use of other fasteners may cause damage to the tool or injury to the tool operator.

THE PASLODE CORDLESS 16GA STRAIGHT FINISH NAILER DRIVES THESE NAILS	PART NO.	LENGTH	APPLICATION
	650282	1- 1/4"	Cap/Shoe Molding
	650283	1-1/2"	Baseboard, Crown, Chair
	650285	2"	Baseboard, Casings, Crown
	650287	2-1/2"	Casings

Servicing

Restrict Field Service to the Following

- CHECKING THE CHARGE LEVEL OF THE BATTERY
- RECHARGING THE BATTERY
- CHECKING THE FUEL CELL
- REPLACING THE FUEL CELL
- CLEANING/REPLACING THE AIR FILTER
- CLEARING A JAM
- CLEANING THE TOOL (See cleaning Manual)
- REPLACING TIP

Attempts to go beyond these procedures could result in serious personal injury or damage to the Cordless Nailer and voiding the warranty.

There are certain problems you may encounter when you are using the Cordless Nailer that you will be able to correct on the work site. The following field service procedures are the only service procedures you should attempt. Anything else that may appear wrong with the Cordless Nailer should only be diagnosed and repaired by a fully trained service technician. If you have any reason to believe that your problem is beyond the service procedures in this manual, contact Paslode.



DANGER

Never attempt any maintenance of a Paslode Cordless tool without first removing the fuel cell and battery. Maintenance should be started only after the tool is completely inoperative.

Fuel Cartridge Check

If the Cordless Nailer's fan operates and the indicator light is green, but the tool will not cycle or does not drive fasteners completely, check the fuel cell. With the fuel cell out of the tool, check to see if the fuel cell still contains fuel. To determine if there is any fuel left in the fuel cell, hold in the upright position and simply place the metering stem against a solid object, and gently push about three or four times. A small amount of fuel should be released each time.



DANGER

Wear safety glasses when performing this test. Never perform this test near an open flame or sparks, while smoking, or where the fuel might get in your eyes.

If fuel is not released with each operation of the metering stem, this indicates that there is no more fuel left in the fuel cell and it must be replaced. Dispose of the empty fuel cell (see page 11).

Also remember that the fuel cells have a "best used by" date on the bottom of each cell. If your fuel cell is old, it may have lost some power.

Battery Check

Periodically check the battery indicator light in the handle of the Cordless Nailer. When encountering a problem, the first step should always be to make sure the battery has enough charge to operate the tool.

When the Probe is depressed on the work piece, the fan motor should turn on and the blinking green indicator light should turn solid green. If the indicator light blinks red or glows red, recharge the battery.

Clearing a Jam

An occasional problem you may encounter is a jammed fastener. Because of the unique design of the Cordless Nailer, clearing a jammed fastener is easy:

Remove Battery, Fuel, And Nails



1

Pull Quick Clear Latch Forward to release



2

Open Front Guide To Release Jam



3

Return Driver Blade



4

Close And Latch Front Guide



5

Servicing

CLEANING THE AIR FILTER



Use a flat bladed screwdriver to remove cap, ease locking tabs open to avoid damage to cap.



Make sure fuel door is open, then remove filter cover.



Remove filter. Check filter for holes, replace if needed.



Use Cordless Tool Cleaner or soap and water to restore the filter.



Filter will look like new after cleaning.

End-of-Workday Routine

These simple steps are based on maintaining the safety and operational efficiency of the Cordless Nailer.

Before you leave the work site:

1. Remove battery and store in tool case. Always use the Cordless Nailer Case for transporting and storing the tool.
2. Dispose of all empty fuel cells (see page 11). Remember to dispose of fuel cells where they will not be crushed, punctured, burned, or found by children.

When you get home:

1. Place the battery in its charger if it needs charging as indicated by the red charge light on the handle.
2. Wipe your Cordless Nailer with a clean, soft cloth.
3. Remove and clean the filter if needed.
4. Check the Probe to ensure it is operating freely.

Paslode Cordless Tool Accessories

A variety of accessories are available for the Paslode Cordless 16GA Straight Finish Nailer:

No-Mar Replacement Tip
Single Tip - Part No. 902425
Three Pack - Part Number 902473

Battery - Part No. 902654

Cordless Tool Cleaner - Part No. 219348

Clear Safety Glasses - Part No. 401382

Paslode Cordless Lubricating Oil - Part No. 401482

Battery Charger - Part No. 902672

Paslode Cordless Finish Nailer Case - Part No. 905640

Contact your Paslode representative for additional information.

Tools

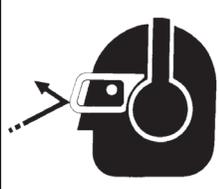
A 9/64 Hex Wrench (Part No. 900736) is provided with each Cordless 16GA Straight Finish Nailer.

Tool Schematic

Parts Legend

IM250S-Li2 CORDLESS 16GA STRAIGHT FINISH NAILER 916500

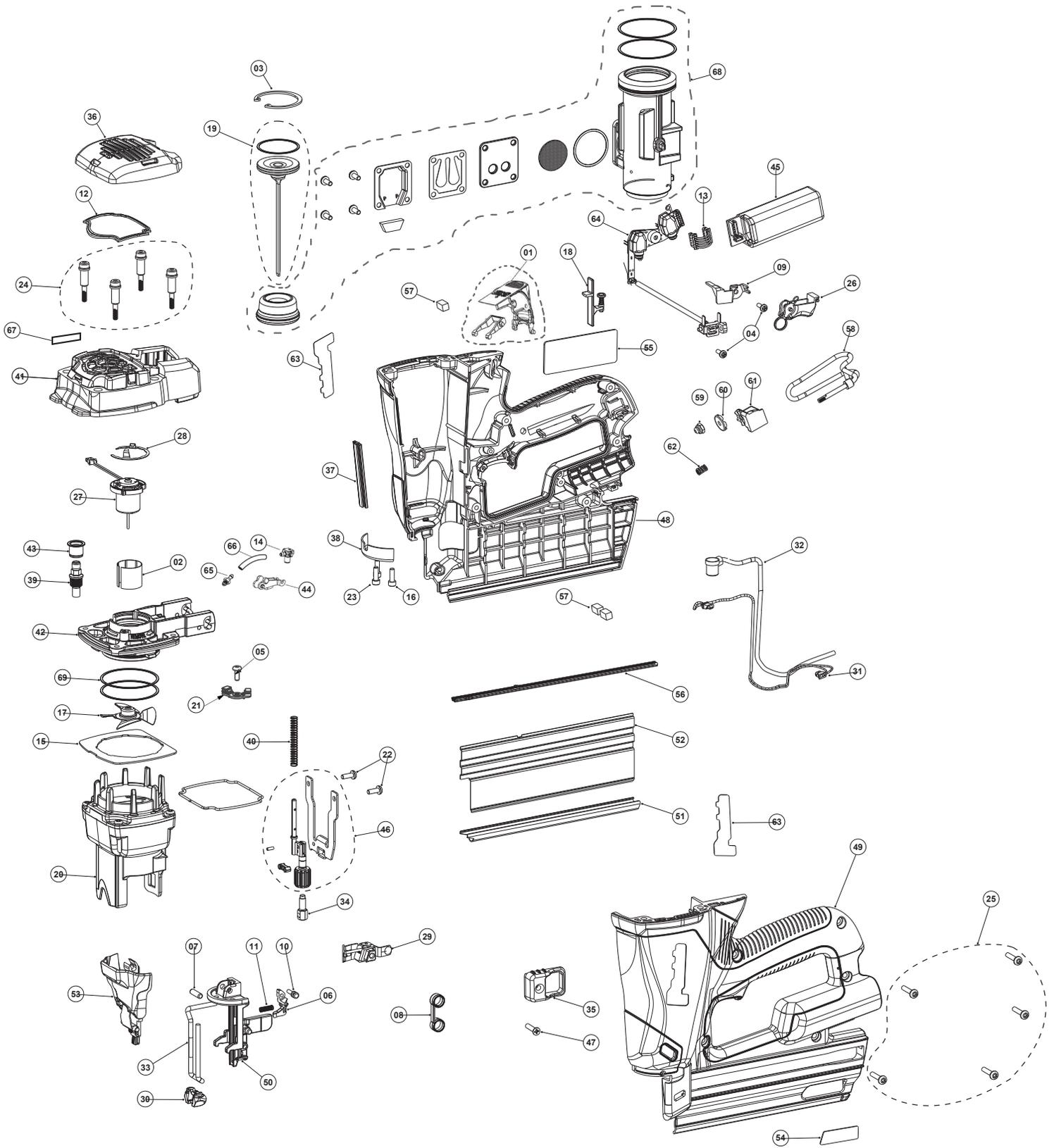
1	916286	Fuel Door Assembly	1	59	918909	Cap Nut	1
2	401356	Motor Sleeve	1	60	918910	Button-Utility Hook	1
3	403099	Piston Retaining Ring	1	61	918911	Block-Utility Hook	1
4	404702	Screw 6-32 x 3/8	2	62	918913	Spring-Utility Hook	1
5	900596	Screw, SEMS, 8-32 x 7/16 Thread Forming	1	63	918919	Paslode Logo	2
6	900602	Lockout Bar	1	64	918938	Molded Circuit Assembly	1
7	900619	Dowel Pin	1	65	904517	Fuel Barb	1
8	900627	Spring/Saddle	1	66	904546	Fuel Tube	1
9	900629	Clip, High Tension	1	67	918940	2 Year Promise Label	1
10	900630	Lockout Pin	1	68	916288	Sleeve Assembly	1
11	900631	Spring	1	69	900612	Seal Ring	1
12	900648	Filter	1				
13	900662	Wire, ESU Power	1				
14	902406	Fuel Block	1				
15	900700	Air Dam	1				
16	900708	Screw SHC 8-32 x 1/2 (RED)	2				
17	900709	Fan Assembly	1				
18	900726	Slide Switch Assembly	1				
19	900728	Driver and Piston Assembly	1				
20	900729	Combustion Chamber Assembly	1				
21	900739	PCB Assembly	1				
22	900746	Screw, 1-32 x 7/16	2				
23	900754	SCHS	1				
24	901064	Screw SHC 8-32 x 1-3/8	4				
25	901066	Screw TX 8-16 x 3/4	5				
26	901082	Trigger Assembly	1				
27	901112	Motor Assembly	1				
28	901119	Retaining Ring	1				
29	902041	Follower Assembly	1				
30	902425	Probe Tip	1				
31	904562	Fan Motor Harness	1				
32	904567	Spark Plug Wire Assembly	1				
33	916206	Lower Probe	1				
34	916212	DOD Stud	1				
35	916218	Follower Body	1				
36	916222	Grille	1				
37	916229	Front Channel	1				
38	916231	Retaining Cap	1				
39	916236	Spark Plug	1				
40	916239	Spring, Yoke	1				
41	916216	Cap	1				
42	916208	Cylinder Head	1				
43	916249	Insulator	1				
44	904521	Pivot Arm	1				
45	916258	MSU	1				
46	916285	Yoke Assembly	1				
47	916287	Screw, 18-16 x 3/4 Plastite	1				
48	916501	Right Handle	1				
49	916502	Left Handle	1				
50	916503	Nose	1				
51	916505	Binding Channel	1				
52	916515	Magazine	1				
53	916584	Quick Clear Assembly	1				
54	916590	Name Plate Label	1				
55	916591	Warning Label	1				
56	916620	Brad Channel	1				
57	918903	Foam Pad, Battery	3				
58	918906	Belt Hook Assembly	1				



WARNING

Always wear EYE and EAR safety gear when working with or in the vicinity of the Paslode Cordless 18GA Straight Brad Finish Nailer.

Tool Schematic



**IM250S-Li2 CORDLESS 16GA
STRAIGHT FINISH NAILER 916500**

Troubleshooting

Preparing Tool for Operation - Battery/Charger Problems

SYMPTOM	POSSIBLE PROBLEMS	SERVICE
Battery does not appear to accept charge when battery is plugged into the charger.	Inoperative indicator lights on charger, or defective charger.	Try battery in tool after a full charge cycle. If tool's indicator light is red, charger is not working properly. Replace charger, or monitor charging time to ensure battery has adequate time for recharging. It is normal for battery to feel warm after properly charging.
	Battery damaged or cycle life exhausted.	Replace battery.
Charger gets hot, makes excessively loud noise, or smokes during charging cycle. Charger cord or wall plug gets hot.	Damaged charger.	Discontinue use immediately and unplug from power source. Replace charger and tag or dispose of charger to prevent accidental re-use or connection to power source.

Normal Stage of Operation

SYMPTOM	POSSIBLE PROBLEMS	SERVICE
Fan does not run - tool indicator light is blinking red or solid red.	Battery is not charged.	Charge battery.
	Battery terminals are oily, dirty, or corroded.	Clean battery terminals with a soft cloth.
Fan does not run, or runs slower than normal - tool indicator light is solid red.	Battery is discharged.	Charge battery.
Probe does not depress fully - tool does not operate.	Probe is bent, or build-up of debris in track resists operation.	Carefully remove and inspect the Probe. Clean track. Repair or replace Probe as required.
	Lockout feature is engaged.	Add strip of nails.
Tool will not cycle - fan runs, indicator light is solid green.	Fuel cell empty.	Replace fuel cell.
	Spark wire out of spark plug.	Remove cap and check spark lead, insert in spark plug and replace cover.
	Spark plug is dirty.	Clean tool cylinder head.
	No spark is generated.	Return tool to authorized Paslode dealer for service.

If tool will not operate after following the above service directions, return the tool to an authorized Paslode representative for service.

For technical support call:
1-800-222-6990
or email:
tech@paslode.com

 **Paslode®**
 An Illinois Tool Works Company
 155 Harlem Avenue
 Glenview, IL 60025
 www.paslode.com

Troubleshooting

Normal Stage of Operation

SYMPTOM	POSSIBLE PROBLEMS	SERVICE
Tool operates properly, but fasteners do not drive fully.	Depth of Drive requires adjustment.	Adjust Depth of Drive.
	Fuel cell is low.	Check fuel cell and replace as required.
	There may be loss of seal in combustion chamber.	Press and hold No Mar Probe against workpiece for one minute. Pull trigger. If fastener does not drive, there is a leak that requires service.
Tool operates properly, but fasteners are sometimes overdriven, and sometimes underdriven.	Depth of Drive is not adjusted properly for the type of material being fastened.	Adjust Depth of Drive. Readjust as required when material density or thickness of material being fastened changes.
	Tool is Overheated	Set tool aside for 10-15 minutes until cool
Tool operates, but no fastener is driven.	Wrong fasteners being used.	Use only fasteners meeting Paslode specifications. Check Fasteners and Applications section for fastener types and sizes recommended for use in this Paslode Cordless tool.
	Follower not properly engaged behind fastener strip.	Position follower behind fastener strip and engage strip.
	Jammed fastener.	Clear jam.
Tool operates erratically or appears to be losing power - tool indicator light is green.	Fuel cell is low.	Check fuel cell.
	Spark plug wire is loose.	Check spark plug wire.
	Air filter is dirty, causing tool to overheat.	Remove air filter and clean. Use soap and water to remove stubborn debris.
	Tool is dirty.	Clean tool.
Tool operated and drove fasteners, but driver blade did not return to up position.	Built-up dirt and debris on driver blade or in nose bore.	Clean driver blade and nose bore with Cordless Tool Cleaner.
	Tool is dirty.	Clean tool.
Combustion chamber does not drop after tool cycles.	No Mar Probe is bent, or is dirty.	Clean track or replace No Mar Probe.



*Work all day, every day—
if your nailer stops for
any reason, we'll fix it.
No questions. No hassles.
NO COST!*

Still not working? Here are more options:

- Your nailer may qualify for our Cordless 2 Year Service Promise. Visit paslode.com for more information, or call us at 1-800-222-6990.
- Keep you Cordless Nailer in top form. Visit paslode.com and watch our Cleaning and Maintenance videos

