

DUO-FAST®

NAILERS STAPLERS FASTENERS

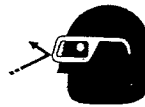
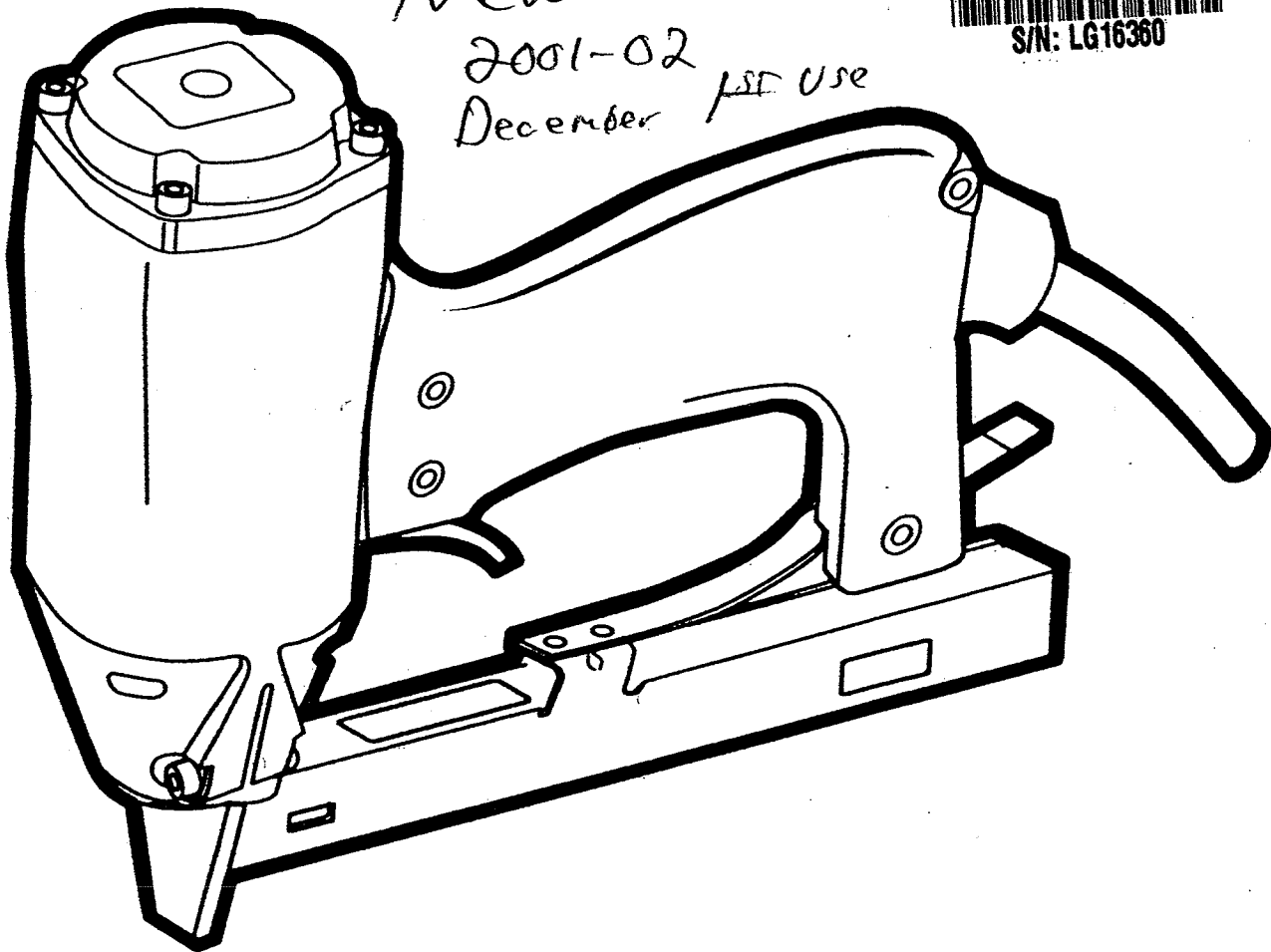
SAFETY, OPERATION & INSTRUCTION MANUAL
Electric Fastening Systems

ENC5418A



S/N: LG16360

*New
2001-02
December JSE Use*



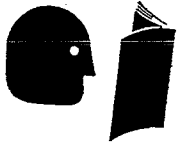
- ☛ EYE PROTECTION IS ENCLOSED WITH THIS TOOL.
- ☛ READ SAFETY INSTRUCTIONS BEFORE OPERATING THIS TOOL.
- ☛ KEEP THIS MANUAL AVAILABLE FOR USE BY OPERATORS OF THIS TOOL.

OPERATOR SAFETY INSTRUCTIONS FOR TOOL USE



DO NOT:

- Use the tool if uncertain of safe operation. **BE SAFE, NOT SORRY. SEEK TRAINING.**



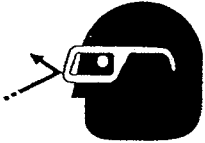
DO:

- Read the entire manual before using the tool.



DO NOT:

- Point the tool at yourself or anyone else.
 - Operate the tool while working above a co-worker.
- DEATH OR SERIOUS INJURY CAN OCCUR.**



DO:

- Wear eye protection that meets ANSI Z87.1 requirements.
 - Wear eye protection where tools are being operated.
- FREE FLIGHT FASTENERS WILL CAUSE PERMANENT EYE INJURY.**



DO NOT:

- Drive fastener close to edge of work piece.
- Drive fasteners unless tool is placed firmly against the work piece.
- Drive over another driven fastener.
- Use fasteners not meeting DUO-FAST specifications.



DO:

- Be aware that ricocheting fasteners can cause permanent eye injury.



DO NOT:

- Carry tool by cord.
- Use tool with damaged cord.
- Abuse cord. Do not yank tool to disconnect cord from outlet.
- Expose cord to heat, oil or sharp edges.



DO:

- Guard against electric shock.
- Prevent body contact with grounded surfaces like pipes, radiators, ranges, refrigerator enclosures.



DO NOT:

- Carry the tool with your finger on the trigger.
DEATH OR SERIOUS INJURY CAN OCCUR.



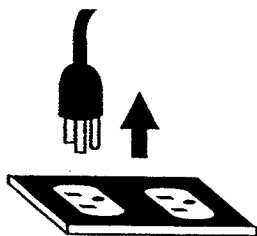
DO:

- Wear hearing protection and hard hats in environments that require their use.



DO NOT:

- Assume accidents happen only to other people.



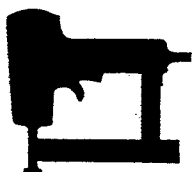
DO:

- Disconnect the tool from the power source when: loading and unloading, tool is unattended, performing service or maintenance, clearing a jam and/or relocating the tool.
- Check to see if the tool is loaded. Always assume it is.



DO NOT:

- Load or unload the tool with your finger on the trigger.



DO:

- Respect the tool. It can be dangerous.



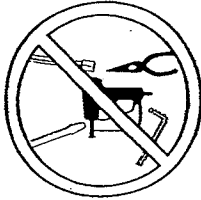
DO NOT:

- Engage in horseplay.



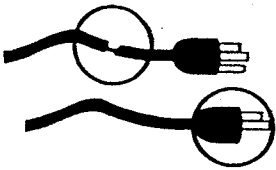
DO:

- Have maintenance and repair work done by a qualified service person using DUO-FAST authorized parts.



DO NOT:

- Modify the tool without approval of DUO-FAST.



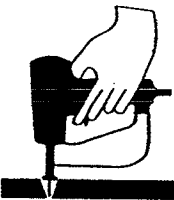
DO:

- Inspect tool cords periodically. Have damaged cords repaired by authorized personnel only.
- Inspect extension cords periodically. Replace all damaged extension cords.
- When using the tool outdoors, use only UL and CSA listed extension cords marked for outdoor use. Use GFI outlets only.



DO NOT:

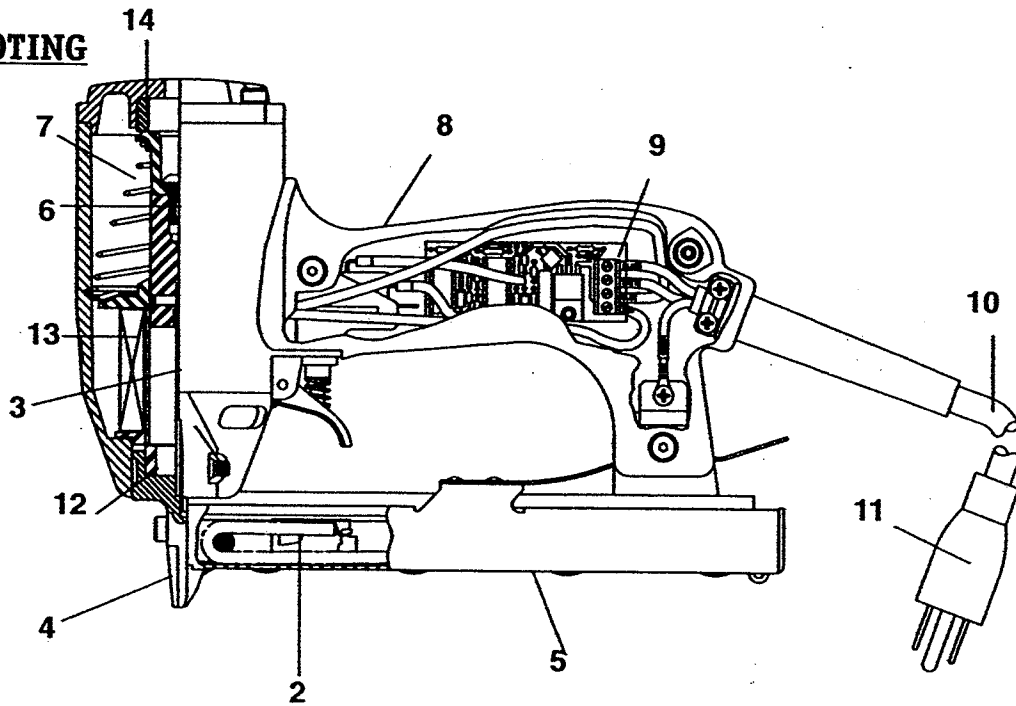
- Expose power tools to rain.
- Use or store power tools in damp or wet locations.
- Use tool in presence of flammable liquids or gases.
- Store tools where children can access them. When not in use, tools should be stored in a high or locked-up place.



DO:

- Understand that this tool will drive fasteners if trigger is accidentally pulled.
- Use clamps or a vise to secure work. This is safer than using your hand and it frees both hands to operate tool.

TROUBLESHOOTING



PROBLEM	# POTENTIAL CAUSE	CORRECTION
Excessive jamming, improper staple feed:	Wrong staple size	Use correctly sized staples
	Using staples other than Duo-Fast	Use only Duo-Fast staples
	2 Bent staple pusher	Replace staple pusher
	2 Damaged pusher spring	Replace Spring
	3 Worn/Bent driver blade	Replace driver blade
	4 Clogged or damaged nose	Unclog or replace nose
Missed cycle or multi-cycle operation:	5 Misaligned magazine cover	Replace or service magazine cover
	6 Plunger/driver blade not fully returning	Check return spring for damage or weakness or bent driver blade
	9 Power supply operation	Have power supply serviced
	8 Trigger switch defective	Have trigger switch serviced
	7 Weak or broken return spring	Replace return spring
Tool cycles, but does not discharge staple:	2 Broken pusher spring	Replace pusher spring
	2 Jammed pusher	Unjam pusher
Poor drive:	Overheated tool	Allow to cool
	Extension cord gauge too small	Use proper extension cord (pg. 9)
	7 Return spring broken, compressed	Replace return spring
Tool will not operate:	9 Power supply defective	Have power supply serviced
	8 Trigger switch defective	Have trigger switch serviced
	10 Line cord damaged	Have line cord serviced
	13 Coil defective	Have coil serviced
	11 Bad plug/receptacle connection	Improve connection
	3 Jammed driver blade/plunger	Unjam driver blade/plunger
	7 Broken return spring	Replace return spring
Tool buzzes or chatters (<i>unplug tool immediately if this condition occurs</i>):	9 Power supply defective	Have power supply serviced
Driver blade extends too far at front nose:	12 Lower bumper is missing	Insert bumper
Amature is binding or stuck in coil:	13 Misaligned or overheated coil	Properly key coil, or have serviced if warped
Amature does not move—"thumps" when trigger is depressed:	14 Bumper is missing in cap	Insert bumper

SERVICE AND REPAIR

Except as specifically described in other sections of this manual, this tool must NOT be disassembled, serviced, repaired or reassembled by anyone except qualified DUO-FAST service personnel. Incorrect servicing, repairs and assembly of this tool may result in serious injury to the user and/ or damage to the tool. Your DUO-FAST Distributor is ready to help with any service or repair problems you may have.

For the DUO-FAST Warranty & Service Partner in your area, call: 1-888-DUO-FAST (386-3278).

TOOL MAINTENANCE

Refer to "Operator Safety Instructions" section of this manual before servicing the tool.

VISUAL INSPECTION

Daily visual inspection of the tool should be made before the tool is plugged into power source.

- Check for:
 - Smooth trigger movement.
 - All screws are tight.
 - Dirty magazine and sticky pusher.
 - Burrs or obstructions in nose or fastener raceway.
 - Excessively worn or cracked handle.
 - Damaged or other excessively worn parts.
 - Improperly functioning latch lock spring. If latch lock spring does not properly lock magazine base into nose, the magazine base assembly will have to be replaced.

- NEVER USE A TOOL WITH DAMAGED OR MISSING PARTS.

CLEANING

The external tool parts should be cleaned daily as follows:

- Disconnect the power cord.
- Remove fasteners.
- Wipe clean with rag.

Clean tool exterior with mild solvent. Make sure all excess solvent has been wiped off. Never completely immerse tool in any solvents, especially highly volatile solvents such as gasoline, toluene, benzene, etc.. Immersion into solvent or the use of volatile solvents for cleaning is hazardous.

NOTE: It is extremely important that all dirt and foreign material be removed from around the trigger. Any dirt which prevents the movement of the trigger will cause the tool to be unsafe.

LUBRICATION

EXTERNAL LUBRICATION

- Lightly oil moving parts in the magazine.

INTERNAL LUBRICATION

- DO NOT LUBRICATE - One of the features of this tool is that internal moving parts do NOT require any oil or grease.

COLD WEATHER PRECAUTIONS

FOLLOW THE RECOMMENDATIONS BELOW WHEN USING THE TOOL AT TEMPERATURES BELOW FREEZING:

- Keep tool as warm as possible until you are ready to use it.

OTHER RECOMMENDATIONS FOR USING THE TOOL IN COLD TEMPERATURES:

- A polyurethane bumper, more resilient in cold weather applications than the supplied rubber bumper, is now available as G0-230-3. It can be identified by the part number molded on its surface (see schematic for detail).

MALFUNCTIONS

Be alert for tool problems. A malfunctioning tool must be immediately withdrawn from use and not used again until it has been repaired by a qualified service representative.

Operating a tool with the following malfunctions is dangerous and unsafe. The list is representative only, not all inclusive.

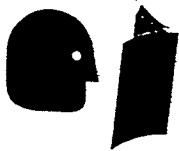
- Trigger that sticks or binds.
- Magazine latch does not securely lock into place when magazine cover is closed.
- Cord is damaged or worn.
- Tool buzzes or hums.

STAPLE JAMS

Damaged parts, non-DUO-FAST manufactured fasteners and excessive dirt build-up are the major causes of fastener jams.

- Disconnect power cord.
- Open magazine.
- Remove all staples from tool.
- The jammed staple can now be easily removed with a pair of pliers.
- Reload staples.
- Reconnect power cord.

NOTE: If tool continues to jam, take it out of service immediately and have it serviced by an authorized service center.



TOOL USE INSTRUCTIONS

Read safety instructions before using the tool.

GROUNDING INSTRUCTIONS

In the event of malfunction or breakdown, grounding provides a path of least resistance for electric shock. The cord on this tool is equipped with a grounding conductor and grounding plug. Follow these guidelines to ensure proper grounding.

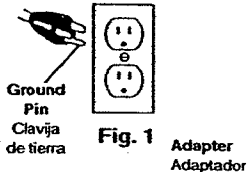
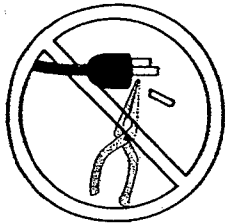


Fig. 1

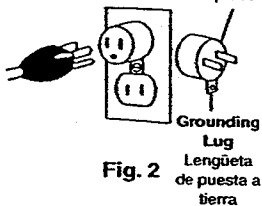
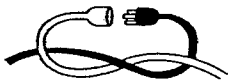


Fig. 2

NOTE: THE TEMPORARY ADAPTER IS NOT APPROVED IN CANADA.
NOTA: EL ADAPTADOR TEMPORAL NO ESTA APROBADO EN CANADA.



- Use an outlet which is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided if it will not fit the outlet; have the proper outlet installed by a qualified electrician.
- Improper connection of the equipment-grounding conductor (green in color with or without yellow stripes) can result in electric shock. NEVER connect a faulty equipment-grounding conductor to a live terminal.
- * Check with a qualified electrician or serviceman if there is any doubt that your tool is properly grounded.
- Use only UL and CSA listed 3-wire extension cords with a 3-prong grounding plug and 3-pole receptacle.
- Repair or replace all damaged or worn cords immediately.

The grounding plug is intended for use with a 3-pole outlet (as shown in Fig.1). A temporary adapter (shown in Fig. 2) may be used to connect grounding plug to a 2-pole receptacle if properly grounded outlet is not available. The adapter should be used only until a properly grounded outlet can be installed by a qualified electrician. The green colored rigid ear, lug, etc. extending from the adapter must be connected to a permanent ground such as properly grounded outlet box.

NOTE: The temporary adapter is NOT approved in Canada.

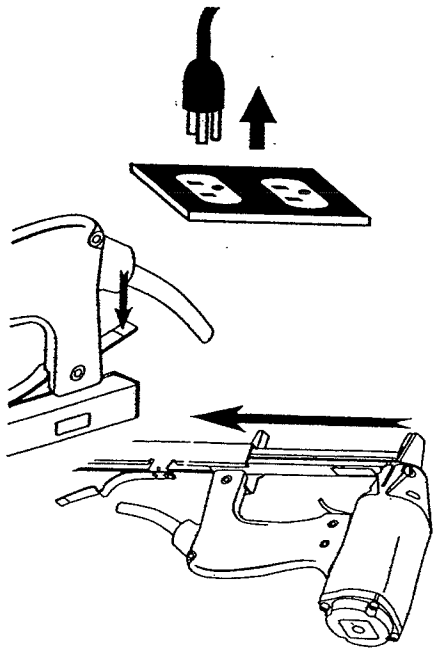
EXTENSION CORD

Extension cord Length	Required wire size
0-25 ft.	14
25-50ft.	10

Use only UL and CSA listed 3-wire extension cords with 3-prong grounding plug and 3-pole receptacle to accept tool plug. When connecting the tool to an extension cord, the cord must be of adequate wire size to prevent loss of power. Required wire size for the length of extension cord is listed to the left.

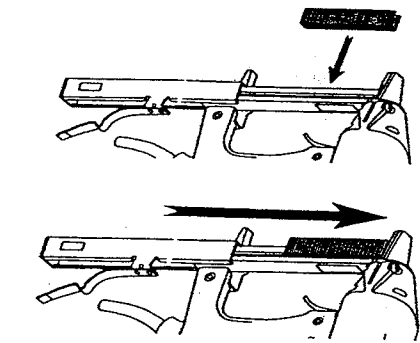
TOOL LOADING

Using fasteners not manufactured by DUO-FAST Corporation may cause jamming, serious damage to the tool and could be hazardous.



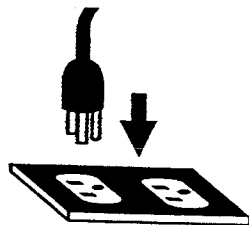
1) Disconnect the tool from the power source.

2) Press down on the rear latch to release the magazine base.

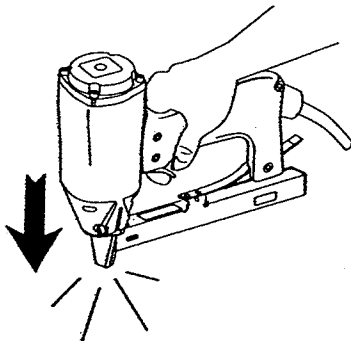


3) Open magazine as far as it will open.

4) Press strip of staples in the magazine so that the staple crown is against the top of the magazine.



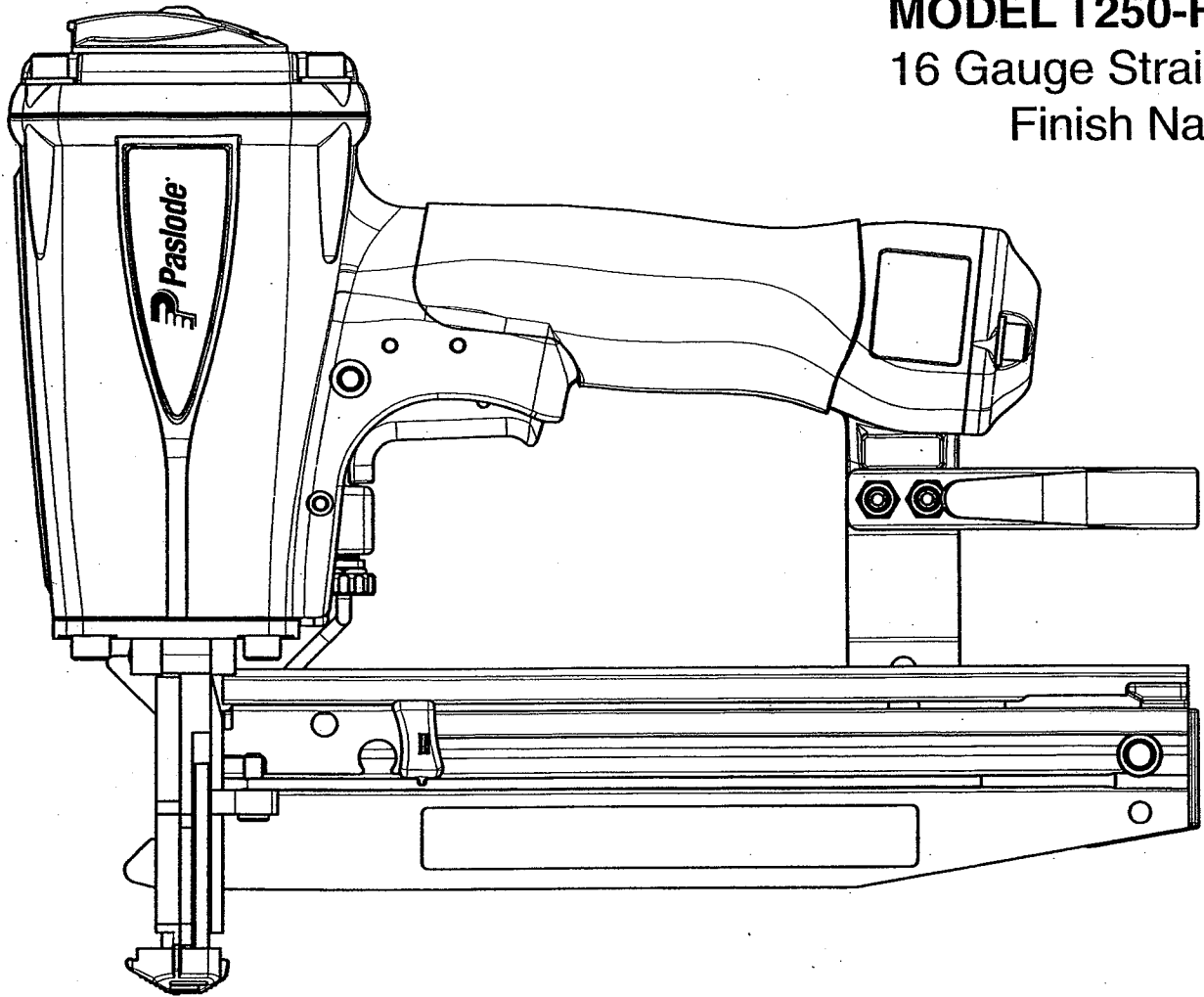
5) Push magazine base assembly forward until the latch engages and locks magazine in place.



6) Connect the tool to the power source.



MODEL T250-F16
16 Gauge Straight
Finish Nailer



IMPORTANT!

DO NOT DESTROY

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

OPERATING MANUAL AND
SCHEMATIC

TOOL AND FASTENER SPECIFICATIONS

TOOL SPECIFICATIONS

MODEL NO.	T250-F16 (Part# 500970)
HEIGHT	10"
WIDTH	3-1/8"
LENGTH	12"
WEIGHT	4lbs. 2oz.
OPERATING PRESSURE	80 to 120 p.s.i. (5.5 to 8.3 bars)

FASTENER SPECIFICATIONS

NAIL LENGTH	3/4" - 2-1/2"
SHANK DIAMETER	16 gauge

TOOL AIR FITTINGS:

This tool uses a 1/4" N.P.T. male plug. The inside diameter should be .28" (7mm) or larger. The fitting **must** be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING AIR PRESSURE:

80 to 120 p.s.i. (5.5 to 8.3 bars). Select the operating air pressure within this range for best tool performance.

DO NOT EXCEED THIS RECOMMENDED OPERATING PRESSURE.

SAFETY INSTRUCTIONS

SAFETY FIRST

These safety instructions provide information necessary for safe operation of Paslode® tools. **DO NOT ATTEMPT TO OPERATE THE TOOL UNTIL YOU READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND MANUAL INSTRUCTIONS.**



WEAR EYE AND HEARING PROTECTION

Always wear hearing and eye protection devices, that conform to ANZI Z87.1 requirements, when operating or working in the vicinity of a tool. As an employer you are responsible for enforcing the use of eye protection. Wear hard hats in environments that require their use.

THE TOOL MUST BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS DESIGNED

Do not throw the tool on the floor, strike the housing in any way or use the tool as a hammer to knock material into place.

NEVER ENGAGE IN HORSEPLAY WITH THE TOOL

The tool is not a toy so do not use it like one. Never engage in horseplay with the tool or point it at yourself or any other person, even if you think it is not loaded.

NEVER ASSUME THE TOOL IS EMPTY

Check the magazine for fasteners that may be left in the tool. Even if you think the tool is empty or disconnected, never point it at anyone or yourself. Unseen fasteners could fire from the tool.

NEVER CLAMP THE TRIGGER IN A LOCKED OR OPERATING POSITION

The trigger of the tool must never be tampered with, disabled or clamped in a locked or operating position since this will cause the tool to drive a fastener any time the work contacting element depressed.

DO NOT LOAD FASTENERS WITH THE AIR LINE CONNECTED, OR WITH THE TOOL TRIGGER OR WORK CONTACTING ELEMENT DEPRESSED

When loading fasteners into the tool be sure you disconnect the air line and that you do not depress the trigger or work contacting element.



OPERATE THE TOOL ONLY ON A WORKPIECE

The tool should be operated only when it is in contact with the workpiece. Even then you should be careful when fastening thin material or working near the edges and corners of the workpiece since the fasteners may drive through or away from the workpiece.

DO NOT DISABLE OR REMOVE THE WORK CONTACTING ELEMENT

This tool is equipped with a safety mechanism, called a work contacting element, to help prevent accidental firing. Never tamper with, disable or remove the work contacting element. Do not use the tool unless the work contacting element is working properly. The tool could fire unexpectedly.



CARRY THE TOOL ONLY BY THE HANDLE

Always carry the tool by the handle only. Never carry the tool by the air hose or with the trigger depressed since you could drive a fastener unintentionally and injure yourself or someone else.

DO NOT WEAKEN THE TOOL HOUSING

The tool housing is a pressure vessel and should never be weakened by having your company's name, area of work or anything else stamped or engraved into its surface.

DISCONNECT THE TOOL WHEN PERFORMING REPAIRS AND CLEARING JAMS

Never attempt to clear a jam or repair a tool unless you have disconnected the tool from the air line and removed all remaining fasteners from the tool.

ALWAYS USE THE PROPER FITTING FOR THE TOOL

Only MALE pneumatic type air connectors should be fitted to the tool, so that high pressure air in the tool is vented to atmosphere as soon as the air line is disconnected.

NEVER install FEMALE quick disconnect couplings on the tool. Female couplings will trap high pressure air in the tool when the air line is disconnected, leaving the tool charged and able to drive at least one fastener.



DO NOT EXCEED THE MAXIMUM RECOMMENDED AIR PRESSURE

Operate the tool only at the recommended air pressure. Do not exceed the maximum air pressure marked on the tool. Be sure the air pressure gauge is operating properly and check it at least twice a day.



Never use any bottled air or gases such as oxygen to operate the tool since they could cause the tool to explode.

INSPECT TOOL FOR PROPER OPERATION

Clean the tool at least daily and lubricate as required. Never operate a dirty or malfunctioning tool.

USE ONLY PASLODE RECOMMENDED PARTS AND FASTENERS

Use only parts and fasteners specifically designed and recommended by Paslode for use in the tool and for work to be done. Using unauthorized parts and fasteners or modifying the tool in any way creates dangerous situations. Replace all missing warning labels--refer to tool schematic for correct placement and part number.

WARNING

Failure to follow any of the above instructions could result in severe personal injury to tool user and bystanders or cause damage to tool and property.

Contact your local Paslode Representative for presentation of Paslode's Safety Awareness Program

T250-F16 FEATURES & BENEFITS

Adjustable Exhaust Cap

Direct exhaust where you want it. Avoid dust!

Powerful Motor

Drive 16 gauge finish nails from 3/4" to 2 - 1/2" offering versatility for many applications.

Compact Lightweight Design

Only 4.3 lbs. and able to get into tight spots.

Adjustable Depth of Drive

Provides precise control of nail depth into hard or soft wood.

Quick Clear Nose

Easy access to possible nail jams. (opposite side)

Narrow Long Nose

Precise placement of nails.

No-Mar Tip With Site Lines

Prevents damage to expensive trim. Clear line of sight.

Ergonomic Handle with Sure Grip

Comfortable design and suregrip provide more control and less fatigue.

Reversible Belt Hook

Hang your tool on your belt or ladder for overhead work.

Two Finger Trigger

Provides less fatigue and more control.

Top Load Magazine

Insert nails down into the channel. Holds 2 strips or 100 nails.

Reload Indicator

View quickly when nails are needed.

Ergonomic Magazine Release

Quick and easy loading.

**USE ONLY
16 GAUGE STRAIGHT
FINISH NAILS**

Loading Instructions:

Step No. 1 – Pull back the magazine release.

Step No. 2 – Insert 16 gauge straight finish nails down into the magazine.

Step No. 3 – Move magazine release forward.

1/8 3/4

1/2 narrow crown

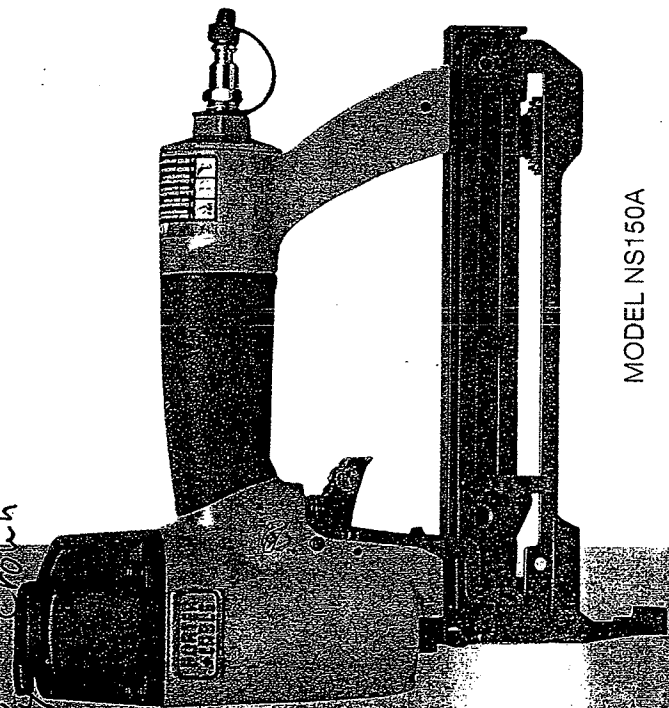
Instruction manual

1/2 to 1/8 staples
1/8 ga. 1/2 crown

ESPAÑOL: PÁGINA 15
FRANÇAISE: PAGE 27

NARROW CROWN STAPLER

5/12/08



MODEL NS150A

IMPORTANT

Please make certain that the person who is to use this equipment carefully reads and understands these instructions before starting operations.

Learn more about Porter-Cable
visit our website
<http://www.porter-cable.com>

The Model and Serial No. plate is located on the main housing of the tool. Record these numbers in the spaces below and retain for future reference.

Model No. _____

Type _____

Serial No. _____

PORTER-CABLE
PROFESSIONAL POWER TOOLS

Porter-Cable Corporation

Part No. 911682 - 05-03-04

SAFETY GUIDELINES / DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

- ▲ DANGER** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.
- ▲ WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
- ▲ CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
- CAUTION** used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS!

▲ WARNING Read and understand all warnings and operating instructions before using any tool or equipment. When using tools or equipment, basic safety precautions should always be followed to reduce the risk of personal injury. Improper operation, maintenance or modification of tools or equipment could result in serious injury and property damage. There are certain applications for which tools and equipment are designed. Porter-Cable Corporation strongly recommends that this product NOT be modified and/or used for any application other than for which it was designed.

If you have any questions relative to its application DO NOT use the product until you have written Porter-Cable Corporation and we have advised you.

Online contact form at www.Porter-Cable.com

Postal Mail: Technical Service Manager
Porter-Cable Corporation
4825 Highway 45 North
Jackson, TN 38305

Information regarding the safe and proper operation of this tool is available from the following sources:

International Staple, Nail and Tool Association (ISANTA)
512 W. Burlington Ave., Suite 203, La Grange, IL 60525-2245
www.isanta.org

American National Standards Institute, 25 West 43rd Street, 4 floor, New York, NY 10036 www.ansi.org

ANSI SNT-101-2002 Safety Requirements for Portable, Compressed-Air-Actuated Fastener Driving Power Tools

▲ DANGER GENERAL SAFETY RULES

1. Read and understand tool labels and manual. Failure to follow warnings could result in **DEATH** or **SERIOUS INJURY**. Fig. 1.

2. Operator and others in work area **MUST** wear safety glasses with side shields. These safety glasses must conform to ANSI Z87.1 requirements (approved glasses have "Z87" printed or stamped on them). Fig. 2.

3. Keep fingers **AWAY** from trigger when not driving fasteners to avoid accidental firing. Never carry tool with finger on trigger. In "contact actuation mode", tool will fire a fastener if tool is bumped.

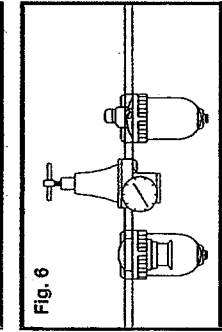
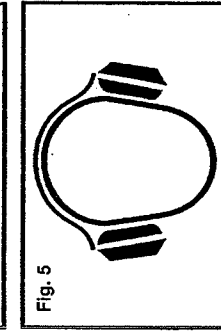
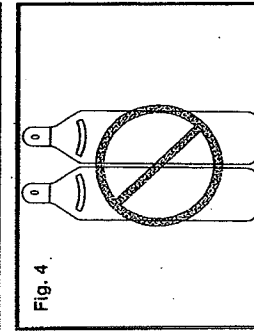
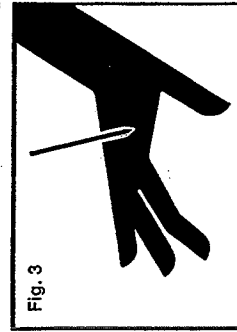
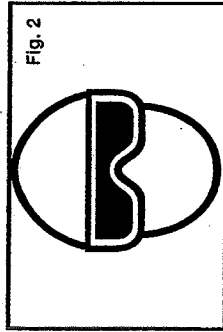
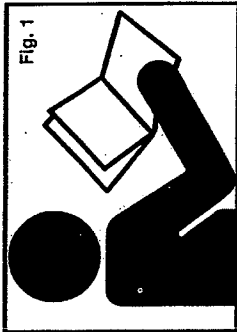
4. Choice of triggering method is important. Check manual for triggering options. See "Using the Tool with Selectable Triggering Options" section of this manual.

5. Never point tool at yourself or others in work area. Serious injury or death may occur if the tool is activated. Fig. 3.

6. Never use oxygen or other bottled gasses. Explosion will occur. Never use combustible gases or any other reactive gas as a power source for this tool; explosion and serious personal injury will result. Fig. 4.

7. Wear ear protection to safe-guard against possible hearing loss. Ear protection equipment must conform to ANSI S3.19 requirements. Fig. 5.

8. Use clean, dry, regulated, compressed air at 70 to 120 PSI, (4.8 to 8.3 BAR). Fig. 6.



9. Do not connect tool to pressure which potentially exceeds 200 PSI (13.7 BAR).

10. All air line components (hoses, connectors, filters, regulators, etc.) must be rated for a maximum working pressure of at least 150 PSI (10.3 BAR) or 150% of the maximum system pressure, which ever is greater.

11. Connect tool to air supply hose with a coupling that automatically removes all pressure from the tool when the coupling is disconnected. Fig. 7.

12. Disconnect tool from air supply hose before doing tool maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person. Fig. 7.

13. Never use a tool that is leaking air, has missing or damaged parts, or requires repair. Make sure all screws and caps are securely tightened. Fig. 8.

14. Never use tool if safety, trigger or springs are inoperable, missing or damaged. Do not alter or remove safety, trigger, or springs. Make daily inspections for free movement of trigger and safety mechanism. Fig. 8.

15. Do not use tool without safety warning label. If label is missing, damaged or unreadable, contact your Porter-Cable Service Center for a replacement. Fig. 9.

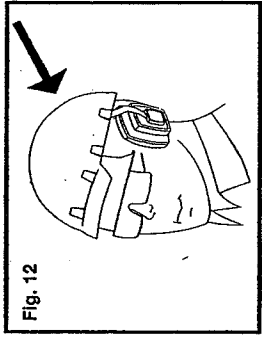
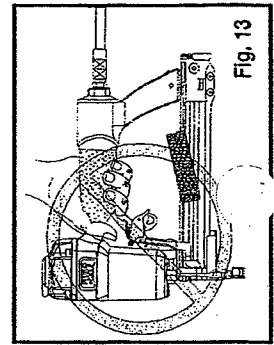
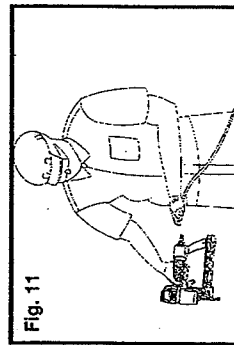
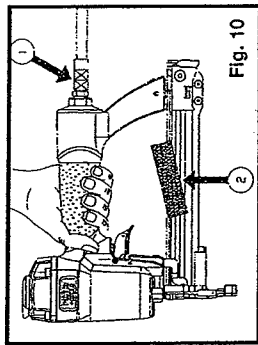
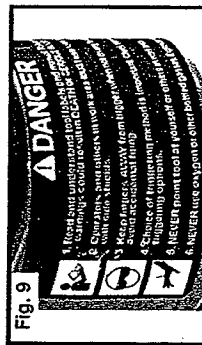
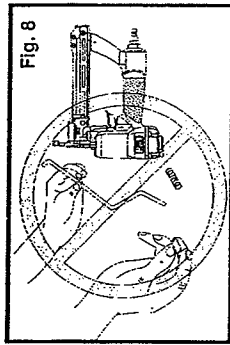
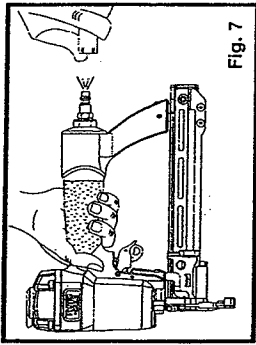
16. Only use parts, fasteners and accessories approved by Porter-Cable.

17. Connect tool to air supply before loading fasteners, to prevent a fastener from being fired during connection. The tool driving mechanism may cycle when tool is connected to the air supply. Fig. 10.

18. Always assume the tool contains fasteners. No horseplay. Respect the tool as a working implement. Fig. 11.

19. Operator and bystanders should wear hard hats to safeguard against possible injuries. Fig. 12.

20. Do not load fasteners with trigger or safety depressed, to prevent unintentional firing of a fastener. Fig. 13



21. Remove finger from trigger when not driving fasteners. Never carry tool with finger on trigger. In "Contact Actuation Mode" tool will fire a fastener if safety is bumped while trigger is depressed. Fig. 14.

22. Do not overreach. Keep proper footing and balance at all times when using or handling the tool.

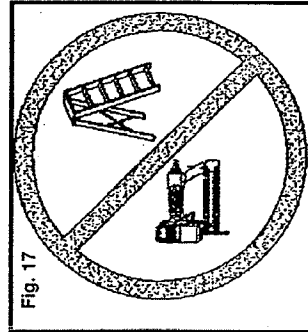
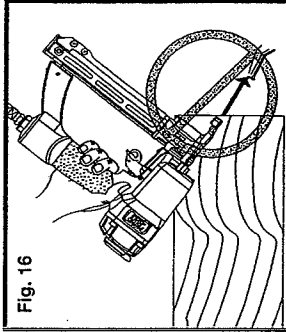
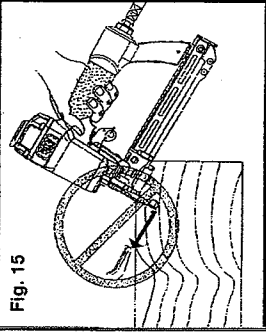
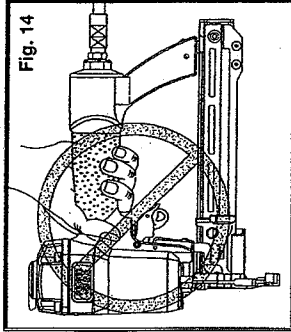
23. Fire fasteners into work surface only; never into materials too hard to penetrate. Fig. 15.

24. Grip tool firmly to maintain control while allowing tool to recoil away from work surface as fastener is driven. In "Contact Actuation Mode" if safety element is allowed to recontact work surface before trigger is released an unwanted fastener will be fired.

25. Do not drive fasteners on top of other fasteners, or with the tool at too steep an angle; the fasteners can ricochet causing personal injury. Fig. 15.

26. Do not drive fasteners close to the edge of the workpiece. The workpiece is likely to split allowing the fastener to fly free or ricochet causing personal injury. Fig. 16.

27. FOR TOOLS SET FOR CONTACT ACTUATION MODE, Do not use on scaffolds or ladders or for tasks in which changing location involves the use of scaffolds, stairs, ladders, and the like. Do not use for specific tasks such as closing boxes or crates or fitting transportation safety systems on vehicles and wagons. Fig. 17.



EMPLOYER'S RESPONSIBILITIES

Employer must enforce compliance with the safety warnings and all other instructions contained in this manual.

Keep this manual available for use by all people assigned to use this tool.

For personal safety and proper operation of this tool, read and understand tool labels and manual. Failure to follow warnings could result in DEATH or SERIOUS INJURY. Read and follow all of these instructions carefully.

FUNCTIONAL DESCRIPTION

Porter-Cable Model NS150A is a heavy duty pneumatic stapler. It is designed to install narrow crown (1/4" wide), 18 ga. wire staples of various lengths from 1/2" to 1 1/2" long.

Use approved Porter-Cable fasteners only.

POWER SOURCE

This tool is designed to operate on clean, dry, compressed air at regulated pressures between 70 and 120 PSI (Pounds per Square Inch)(4.8 to 8.3 BAR). The preferred system would include a filter, a pressure regulator, and an automatic oiler located as close to the tool as possible, within 15 ft/4.6 m is ideal.

All compressed air contains moisture and other contaminants that are detrimental to internal components of the tool. An air line filter will remove most of these contaminants and significantly prolong the life of the tool. If an in-line oiler is not available: place five or six drops of Porter-Cable Air Tool Oil into the tool's air inlet at the beginning of each workday.

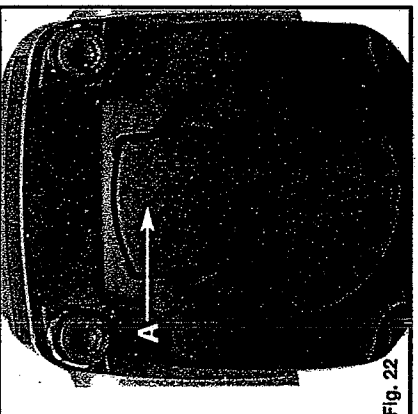
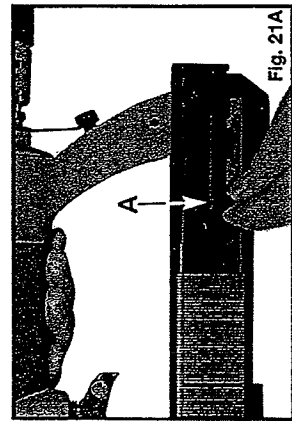
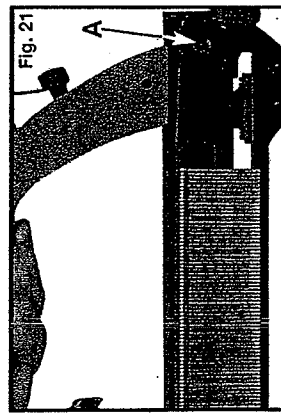
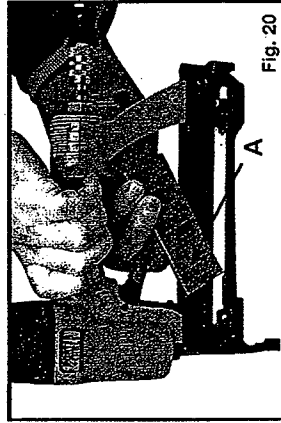
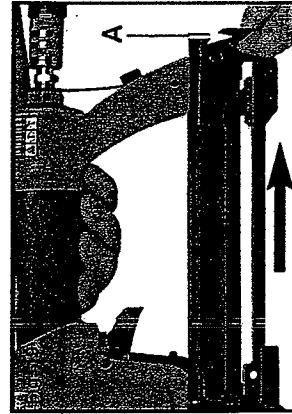
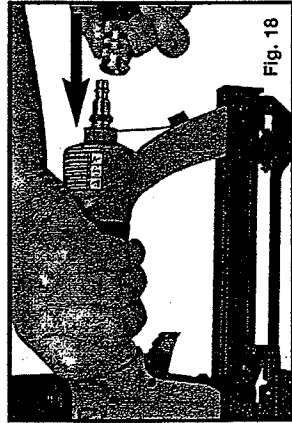
The tool is equipped with a 1/4" male "quick connector". The tool must always be connected to the air supply with a coupling such that all pressure is removed from the tool when the coupling is disconnected.

TECHNICAL SPECIFICATIONS

Noise level	Typical Mean
A - Weighted sound impulse power level	effective Acceleration 2.5 m/s ²
P - Emission sound pressure	
pressure level 86 dBA

PREPARING THE TOOL

1. After reading and understanding this entire manual, connect tool to air supply (Fig. 18).
2. Pull staple follower all the way to the rear (A) Fig. 19, allowing follower to lock in the open position.
3. Drop a strip of staples onto the guide rail (A Fig. 20).
4. Depress the follower latch button (A) Fig. 21, to unlock the follower and slide forward against staples (A) Fig. 21A.
5. Adjust directional exhaust deflector (A) Fig. 22, so that the exhaust air blast will be directed away from the operator. The exhaust deflector provides 8 detented positions for directing the exhaust blast away from the operator. Grasp the deflector and rotate it to the desired position for the current application.



OPERATING INSTRUCTIONS

USING THE TOOL WITH SELECTABLE TRIGGERING OPTIONS

Complete all steps of PREPARING THE TOOL before using the tool.

This tool is shipped from the factory with a selectable trigger set in the "SINGLE SEQUENTIAL ACTUATION" firing mode as described in number 1 below. The selectable trigger can be set for the "CONTACT ACTUATION" firing mode as described in number 2 below;

1. To use the tool in the **SINGLE SEQUENTIAL ACTUATION MODE** depress trigger lever pivot pin (A) Fig. 23, rotate arrow to position (B), and release. **Note:** Trigger lever pivot pin is spring loaded and held in position by locking tab (D) Fig. 23 to prevent movement during operation. To fire, grip tool firmly to maintain control, position nose of tool onto work surface, push tool firmly against work surface to depress safety, as shown at (S) Fig. 24, and then squeeze trigger to fire a fastener. Allow tool to recoil away from work surface as fastener is driven. This "single sequential actuation" method provides the most accurate fastener placement.

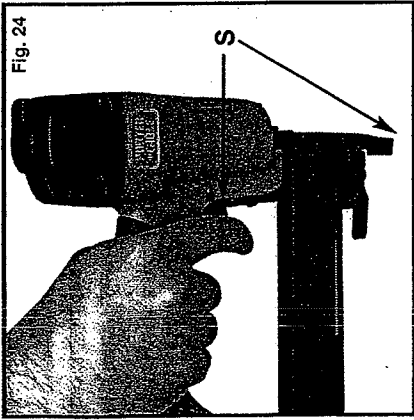
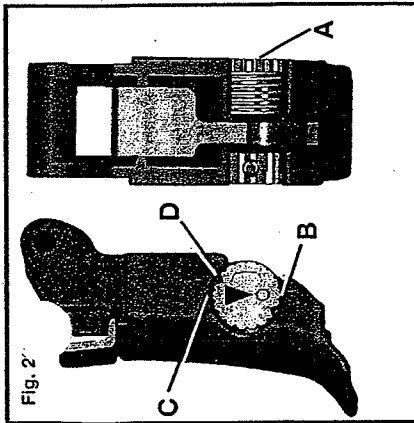
-OR-

2. To use the tool in the **CONTACT ACTUATION MODE** depress trigger lever pivot pin (A) Fig. 23, rotate arrow to position (C), and release. **Note:** Trigger lever pivot pin is spring loaded and held in position by locking tab (D) Fig. 23 to prevent movement during operation. To fire, grip tool firmly to maintain control, squeeze and hold trigger, push tool firmly against work surface to depress contact safety, as shown at (S) Fig. 24, and fire a fastener. Allow tool to recoil away from work surface as fastener is driven. If safety element is allowed to recontact work surface before trigger is released an unwanted fastener will be fired. The tool will fire a fastener each time the contact safety is depressed. This method is known as "contact actuation" and allows very fast repetitive fastener placement.

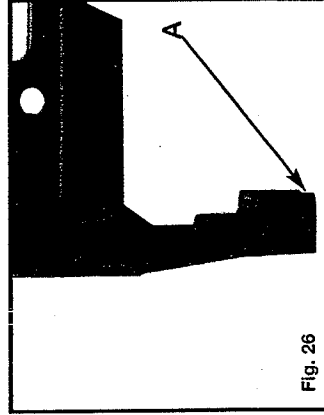
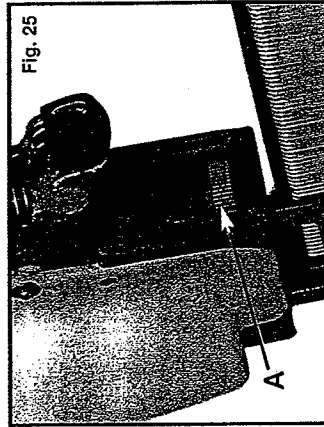
IMPORTANT: A trigger, which will limit the tool to "single sequential actuation" only, is available free-of-charge by calling 1-800-321-9443 in the United States and Canada or 001-731-660-9374 outside the United States and Canada, and providing tool model number, type, serial number, etc. For identification purposes: the **single sequential actuation** trigger is red.

WARNING Disconnect tool from air supply before performing maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.

WARNING Clean and inspect tool daily. Carefully check for proper operation of trigger and safety mechanism. Do Not use the tool unless both the trigger and the safety mechanism are functional, or if the tool is leaking air or needs any other repair.



The depth to which a fastener is driven is controlled by the depth adjustment knob (A) Fig. 25. The depth of drive is factory adjusted to a nominal setting. Test fire a fastener and check depth. If a change is desired, rotate the adjustment knob (A) Fig. 25 clockwise to increase the depth of drive, rotate the knob counterclockwise to decrease the depth of drive. Test fire another fastener and check depth. Repeat as necessary to achieve desired results. The amount of air pressure required will vary depending on the size of the fastener and the material being fastened. Experiment with the air pressure setting to determine the lowest setting that will consistently perform the job at hand. Air pressure in excess of that required can cause premature wear and/or damage to the tool.



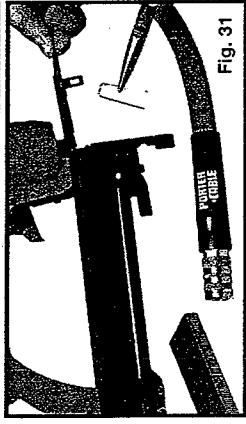
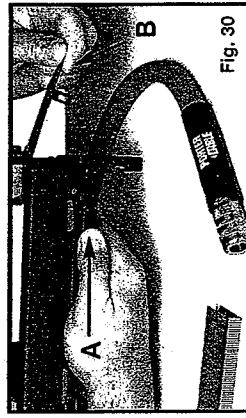
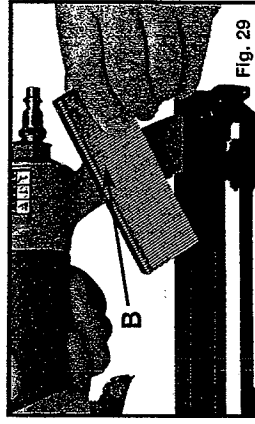
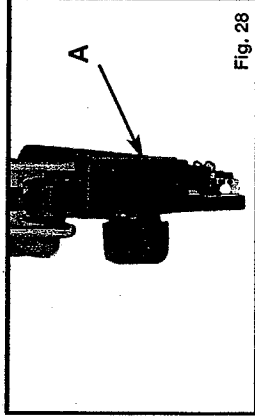
RUBBER NOSE CUSHION
A rubber nose cushion (A) Fig. 26 is provided to reduce marring of the work surface. The rubber cushion can be removed, and stored inside the bracket (B) Fig. 27, to provide increased depth-of-drive for toenailing applications.

⚠ WARNING Disconnect tool from air supply before removing or reinstalling rubber cushion.

CLEARING A JAMMED FASTENER

⚠ WARNING Disconnect tool from air supply.

1. Hold open spring loaded magazine cover (A) Fig. 28 and remove any remaining fasteners (B) Fig. 29.
- ⚠ WARNING** Remove fasteners from tool before opening the fastener guide plate. Fasteners are under pressure and may shoot out of magazine which could cause injury.
2. Depress the quick release latch (A) Fig. 30 and open the fastener guide plate (B).
3. Remove the jammed fastener (see Fig. 31).
4. Depress the quick release latch, close the fastener guide plate, and release the latch.



MAINTENANCE

CLEAN AND INSPECT DAILY

⚠WARNING Disconnect tool from air supply before cleaning and inspection. Correct all problems before placing the tool back in use.

Wipe tool clean and inspect for wear or damage. Use non-flammable cleaning solutions to wipe exterior of tool only if necessary. DO NOT SOAK tool with cleaning solutions. Such solutions can damage internal parts.

Inspect trigger and safety mechanism to assure system is complete and functional: no loose or missing parts, no binding or sticking parts.

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

If tool is used without an in-line oiler: place 5 or 6 drops of Porter-Cable Air Tool Oil into the air inlet of the tool at the beginning of each workday.

SERVICE AND REPAIRS

All quality tools will eventually require servicing or replacement of parts due to wear from normal use. These operations should ONLY be performed by either an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE•DELTA FACTORY SERVICE CENTER. All repairs made by these agencies are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by anyone other than these agencies.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

TROUBLESHOOTING

⚠WARNING Disconnect tool from air supply before performing any Service Procedure.

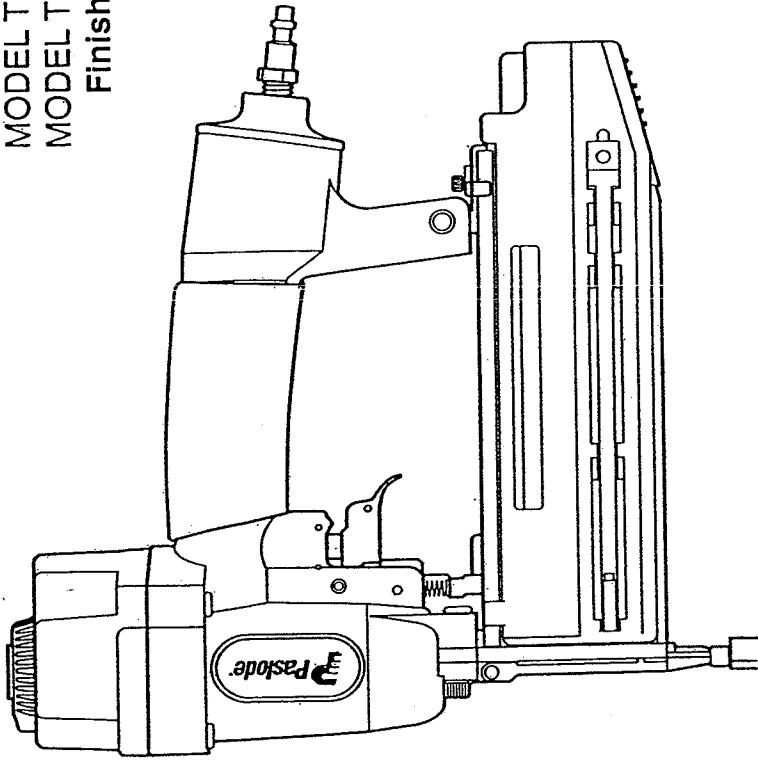
SYMPTOM	PROBLEMS	SOLUTIONS
1. Air leak near top of tool or in trigger area.	Loose screws. Worn or damaged o-rings or seals.	Tighten screws. Install Overhaul Kit.
2. Tool does nothing or operates sluggishly.	Inadequate air supply. Inadequate lubrication. Worn or damaged o-rings or seals.	Verify adequate air supply. Put 5 or 6 drops of oil into air inlet. Install Overhaul Kit.
3. Air leak near bottom of tool.	Loose screws. Worn or damaged o-rings or bumper.	Tighten screws. Install Overhaul Kit.
4. Tool jams frequently.	Incorrect fasteners. Damaged fasteners. Magazine or nose screws loose. Magazine is dirty. Driver is worn or damaged.	Verify approved fasteners of correct size. Replace w/undamaged fasteners. Tighten screws. Clean magazine Install "DRIVER" Maintenance Kit.
5. Other.		Contact a Porter-Cable Service Facility.



TOOL AND FASTENER SPECIFICATIONS

MODEL NO.	T200-F18 (Part# 500959)	T125-F18 (Part#501161)
HEIGHT	9-3/4"	7-1/2"
WIDTH	2-3/8"	2-3/8"
LENGTH	9-3/4"	9-2/3"
WEIGHT	2.1lbs.	1.75 lbs.
NAIL LENGTH	5/8" - 2"	5/8" - 1-1/4"
SHANK DIAMETER	18 gauge	
OPERATING PRESSURE	70 to 100 p.s.i.	

MODEL T200-F18
MODEL T125-F18
Finish Nailers



TOOL AIR FITTINGS:

This tool uses a 1/4" N.P.T. male plug. The inside diameter should be .28" (7mm) or larger. The fitting must be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING AIR PRESSURE:

70 to 100 p.s.i. Select the operating air pressure within this range for best tool performance.

DO NOT EXCEED THIS RECOMMENDED OPERATING PRESSURE.

OPERATING MANUAL AND
SCHEMATIC

IMPORTANT!
DO NOT DESTROY
It is the customer's responsibility to have all operators and service personnel read and understand this manual.

SAFETY INSTRUCTIONS

SAFETY FIRST

These safety instructions provide information necessary for safe operation of Paslode® tools. **DO NOT ATTEMPT TO OPERATE THE TOOL UNTIL YOU READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND MANUAL INSTRUCTIONS.**

WEAR EYE AND HEARING PROTECTION

Always wear hearing and eye protection devices that conform to ANSI Z87.1 requirements, when operating or working in the vicinity of a tool. As an employer you are responsible for enforcing the use of eye protection. Wear hard hats in environments that require their use.

THE TOOL MUST BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS DESIGNED

Do not throw the tool on the floor, strike the housing in any way or use the tool as a hammer to knock material into place.

NEVER ENGAGE IN HORSEPLAY WITH THE TOOL

The tool is not a toy so do not use it like one. Never engage in horseplay with the tool or point it at yourself or any other person, even if you think it is not loaded.

NEVER ASSUME THE TOOL IS EMPTY

Check the magazine for fasteners that may be left in the tool. Even if you think the tool is empty or disconnected, never point it at anyone or yourself. Unseen fasteners could fire from the tool.

NEVER CLAMP THE TRIGGER IN A LOCKED OR OPERATING POSITION

The trigger of the tool must never be tampered with, disabled or clamped in a locked or operating position since this will cause the tool to drive a fastener any time the work contacting element depressed.

DO NOT LOAD FASTENERS WITH THE AIR LINE CONNECTED, OR WITH THE TOOL TRIGGER OR WORK CONTACTING ELEMENT DEPRESSED

When loading fasteners into the tool be sure you disconnect the air line and that you do not depress the trigger or work contacting element.

OPERATE THE TOOL ONLY ON A WORKPIECE

The tool should be operated only when it is in contact with the workpiece. Even then you should be careful when fastening thin material or working near the edges and corners of the workpiece since the fasteners may drive through or away from the workpiece.

DO NOT DISABLE OR REMOVE THE WORK CONTACTING ELEMENT

This tool is equipped with a safety mechanism, called a work contacting element, to help prevent accidental firing. Never tamper with, disable or remove the work contacting element. Do not use the tool unless the work contacting element is working properly. The tool could fire unexpectedly.

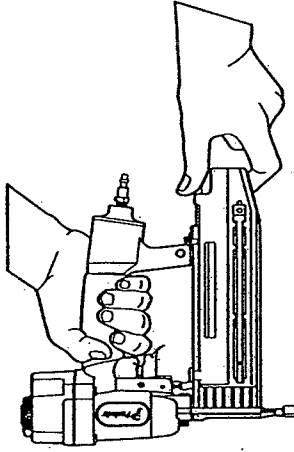
WARNING

Failure to follow any of the above instructions could result in severe personal injury to tool user and bystanders or cause damage to tool and property.

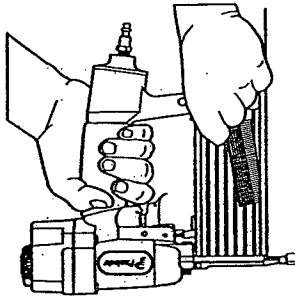
Contact your local Paslode Representative for presentation of Paslode's Safety Awareness Program.

INSTRUCTIONS FOR LOADING

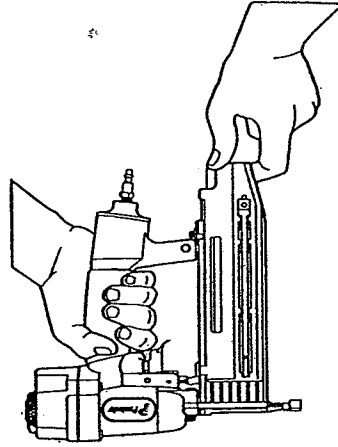
Step No. 1 - Grasp the finish nailer firmly with one hand and press the orange magazine release button at the rear of the magazine and pull the magazine-back towards you.



Step No. 2 - Insert the strip of 18 gauge finish nails with the point of the fastener facing down and place the point of the fastener into the bottom of the magazine channel. Placing fasteners on the top of the magazine will cause jamming.



Step No. 3 - Push the magazine firmly towards the front of the tool until it locks in place. The tool is now ready for use.



DISCONNECT THE TOOL WHEN NOT IN USE

Always disconnect the tool from the air line when it is not in use, when you leave the work area or when moving the tool to a new location. The tool must never be left unattended because people who are not familiar with the tool might handle it and injure themselves or others.

CARRY THE TOOL ONLY BY THE HANDLE

Always carry the tool by the handle only. Never carry the tool by the air hose or with the trigger depressed since you could drive a fastener unintentionally and injure yourself or someone else.

DO NOT WEAKEN THE TOOL HOUSING

The tool housing is a pressure vessel and should never be weakened by having your company's name, area of work or anything else stamped or engraved into its surface.

DISCONNECT THE TOOL WHEN PERFORMING REPAIRS AND CLEARING JAMS

Never attempt to clear a jam or repair a tool unless you have disconnected the tool from the air line and removed all remaining fasteners from the tool.

ALWAYS USE THE PROPER FITTING FOR THE TOOL

Only MALE pneumatic-type air connectors should be fitted to the tool, so that high pressure air in the tool is vented to atmosphere as soon as the air line is disconnected.

NEVER install FEMALE quick disconnect couplings on the tool. Female couplings will trap high pressure air in the tool when the air line is disconnected, leaving the tool charged and able to drive at least one fastener.

DO NOT EXCEED THE MAXIMUM RECOMMENDED AIR PRESSURE

Operate the tool only at the recommended air pressure. Do not exceed the maximum air pressure marked on the tool. Be sure the air pressure gauge is operating properly and check it at least twice a day.

Never use any bottled air or gases such as oxygen to operate the tool since they could cause the tool to explode.

INSPECT TOOL FOR PROPER OPERATION

Clean the tool at least daily and lubricate as required. Never operate a dirty or malfunctioning tool.

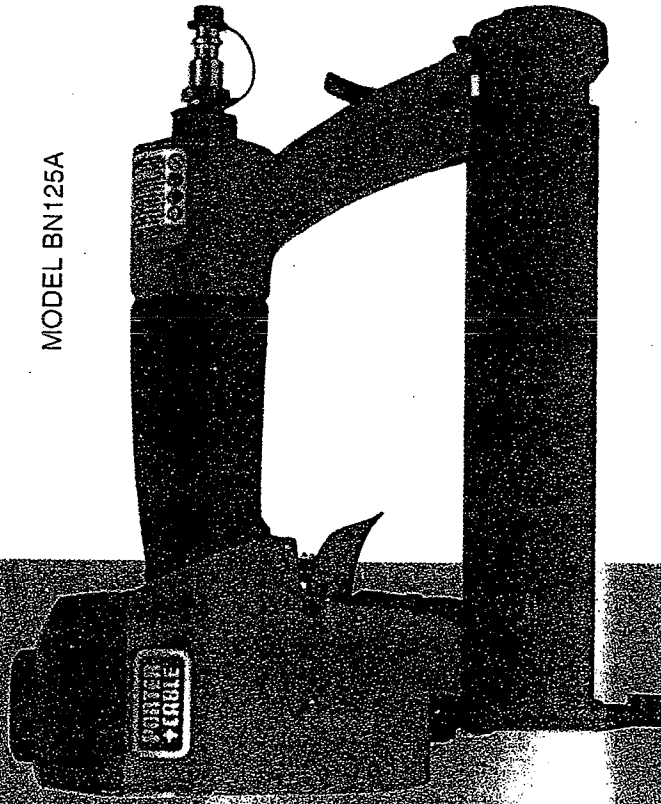
USE ONLY PASLODE RECOMMENDED PARTS AND FASTENERS

Use only parts and fasteners specifically designed and recommended by Paslode for use in the tool and for work to be done. Using unauthorized parts and fasteners or modifying the tool in any way creates dangerous situations. Replace all missing warning labels—refer to tool schematic for correct placement and part number.

ESPAÑOL: PÁGINA 12
FRANÇAISE : PAGE 24

BRAD NAILER

MODEL BN125A



IMPORTANT

Please make certain that the person who is to use this equipment carefully reads and understands these instructions before starting operations.

The Model and Serial No. plate is located on the main housing of the tool. Record these numbers in the spaces below and retain for future reference.

Model No. _____

Type _____

Serial No. _____



Part No. 894883-003

IMPORTANT SAFETY INSTRUCTIONS

WARNING: When using pneumatic tools, basic safety precautions should always be followed to reduce the risk of personal injury, including the following:

READ AND FOLLOW ALL INSTRUCTIONS.

There are certain applications for which this tool was designed. Porter-Cable strongly recommends that this tool NOT be modified and/or used for any application other than for which it was designed. If you have any questions relative to its application DO NOT use the tool until you have written Porter-Cable and we have advised you.

Technical Service Manager
Porter-Cable Corporation
4825 Highway 45 North
P. O. Box 2468
Jackson, TN 38302-2468

1. **USE SAFETY GLASSES.** To prevent eye injuries, the tool operator and all persons in the work area must wear safety glasses with permanently attached, rigid, plastic side shields. These safety glasses must conform to ANSI Z87.1 requirements (approved glasses have "Z87" printed or stamped on them). Fig. 1.

2. **WEAR EAR PROTECTION** to safeguard against possible hearing loss. Fig. 1.

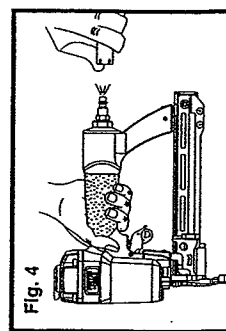
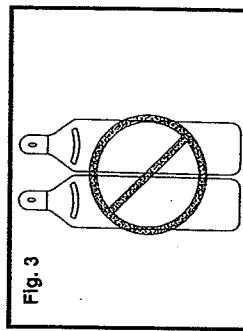
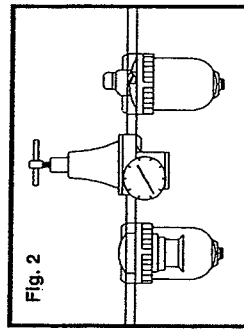
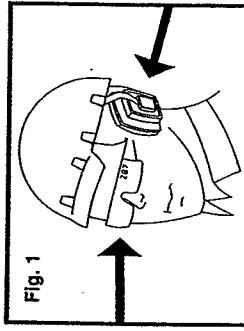
3. **USE CLEAN, DRY, REGULATED** compressed air at 70 to 120 PSI, (4.8 to 8.3 BAR). Fig. 2.

4. **DO NOT CONNECT TOOL TO** pressure which potentially exceeds 200 PSI (13.7 BAR).

5. **ONLY USE AIR HOSE THAT IS RATED** for a maximum working pressure of 150 PSI or 150% of the maximum system pressure, which ever is greater.

6. **NEVER USE OXYGEN, CARBON DIOXIDE,** combustible gases or any other bottled gas as a power source for this tool; explosion and serious personal injury could result. Fig. 3.

7. **CONNECT TOOL TO AIR SUPPLY HOSE** with a coupling that removes all pressure from the tool when the coupling is disconnected. Fig. 4.



8. DISCONNECT TOOL FROM AIR SUPPLY HOSE before doing tool maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.

9. NEVER USE A TOOL that is leaking air, has missing or damaged parts, or requires repair. Make sure all screws and caps are securely tightened.

10. NEVER USE TOOL IF SAFETY, trigger or springs are inoperable, missing or damaged. Do not alter or remove safety, trigger, or springs. Make daily inspections for free movement of trigger and safety mechanism. Fig. 5.

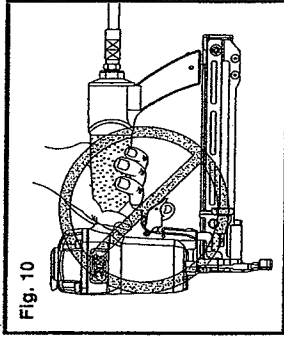
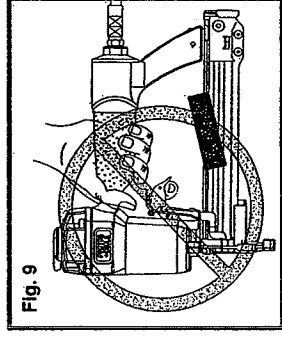
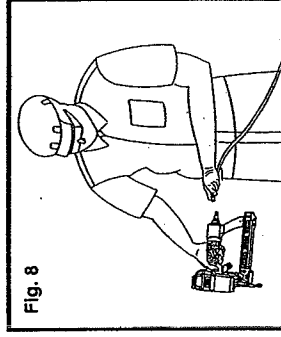
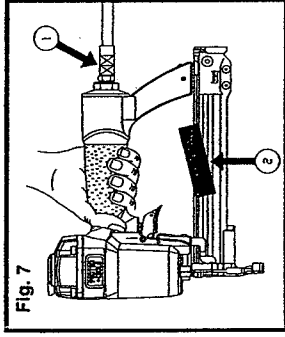
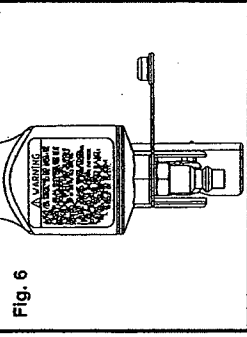
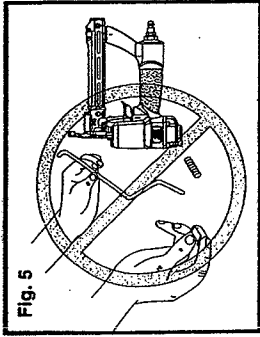
11. DO NOT USE TOOL WITHOUT SAFETY WARNING LABEL. If label is missing, damaged or unreadable, contact your Porter-Cable Service Center for a replacement. Fig. 6.

12. ONLY USE PARTS, FASTENERS, AND ACCESSORIES recommended by Porter-Cable.

13. CONNECT TOOL TO AIR SUPPLY BEFORE loading fasteners, to prevent a fastener from being fired during connection. The tool driving mechanism may cycle when tool is connected to the air supply. Fig. 7.

14. ALWAYS ASSUME THE TOOL CONTAINS FASTENERS. Keep the tool pointed away from yourself and others at all times. No horseplay. Respect the tool as a working implement. Fig. 8.

15. DO NOT LOAD FASTENERS with trigger or safety depressed, to prevent unintentional firing of a fastener. Fig. 9.



16. REMOVE FINGER FROM TRIGGER when not driving fasteners. Never carry tool with finger on trigger; tool may fire a fastener if safety is bumped while trigger is depressed. Fig. 10.

17. DON'T OVERREACH. Keep proper footing and balance at all times when using or handling the tool. Fig. 11.

18. FIRE FASTENERS INTO WORK SURFACE ONLY; never into materials too hard to penetrate.

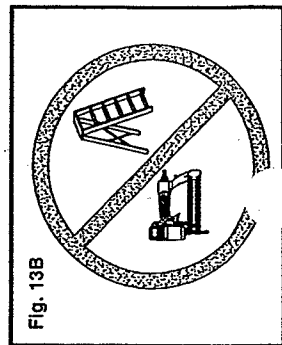
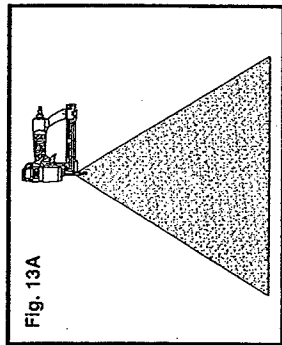
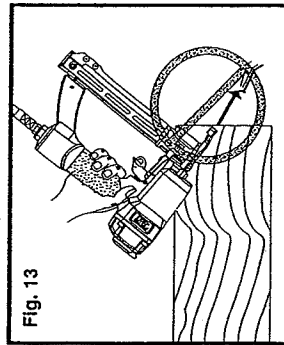
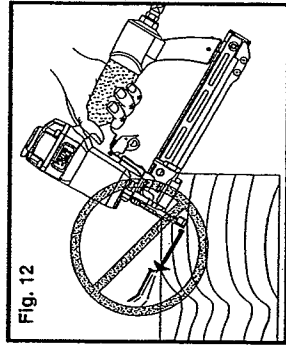
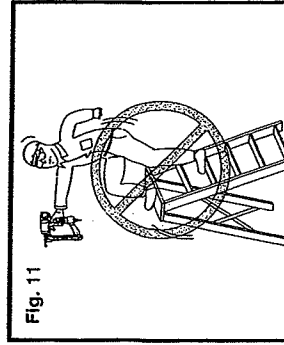
19. GRIP TOOL FIRMLY TO MAINTAIN CONTROL WHILE allowing tool to recoil away from work surface as fastener is driven. If safety element is allowed to recontact work surface before trigger is released, an unwanted fastener may be fired.

20. DO NOT DRIVE FASTENERS on top of other fasteners, or with the tool at too steep an angle; the fasteners can ricochet causing personal injury. Fig. 12.

21. DO NOT DRIVE FASTENERS CLOSE to the edge of the workpiece. The workpiece is likely to split allowing the fastener to fly free or ricochet causing personal injury. Fig. 13.

22. KEEP HANDS AND BODY PARTS away from area shown in Fig. 13A, to avoid injury.

23. DO NOT USE ON SCAFFOLDINGS OR LADDERS or for tasks in which changing location involves the use of scaffolding, stairs, ladders, and the like. Do not use for specific tasks such as closing boxes or crates or fitting transportation safety systems on vehicles and wagons. Fig. 13B.



TECHNICAL SPECIFICATIONS

Nois _j	Typical Mean
A - Weighted sound impulse power level	effective Acceleration 2.5 m/s ²
P - Emission sound pressure level 101 dBA
 88 dBA

EMPLOYER'S RESPONSIBILITIES

Employer must enforce compliance with the safety warnings and all other instructions contained in this manual.

Keep this manual available for use by all people assigned to use this tool.

For personal safety and proper operation of this tool, read and follow all of these instructions carefully.

OPERATING INSTRUCTIONS

FOREWORD

Porter-Cable Model BN125A is a heavy duty pneumatic brad nailer. It is designed to install 18 ga. brad nails of various lengths (from 5/8" to 1 1/4" long), see ACCESSORIES Listing in back of this manual.

CAUTION: Use approved Porter-Cable brad nails only (see ACCESSORIES Listing in back of this manual).

POWER SOURCE

This tool is designed to operate on clean, dry, compressed air at regulated pressures between 70 and 120 PSI (Pounds per Square Inch). The preferred system would include a filter, a pressure regulator, and an automatic oiler located as close to the tool as possible (within 15 feet is ideal).

All compressed air contains moisture and other contaminants that are detrimental to internal components of the tool. An air line filter will remove most of these contaminants and significantly prolong the life of the tool. If an in-line oiler is not available, place five or six drops of Porter-Cable Air Tool Oil (see ACCESSORIES), into the tool's air inlet at the beginning of each workday.

The tool is equipped with a male "quick connector". The tool must always be connected to the air supply with a coupling such that all pressure is removed from the tool when the coupling is disconnected.

CAUTION: All air line components (hoses, connectors, filters, regulators, etc.) must have a minimum working pressure rating of 150 PSI (10.3 BAR) or 150% of maximum system potential, whichever is higher.

Do not connect this tool to a system with maximum potential pressure greater than 200 PSI, (13.7 BAR).

Only connect tool to air supply with a coupling that will release all pressure from the tool when disconnected.

Disconnect tool from air supply before performing maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.

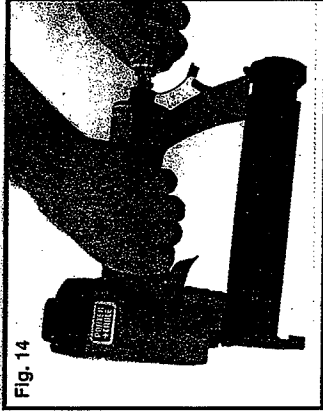


Fig. 14

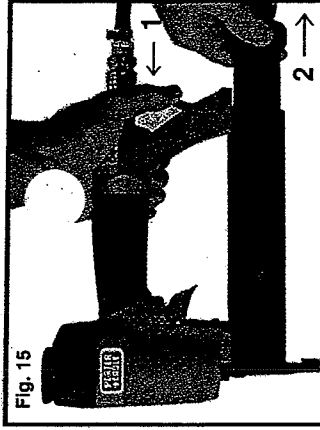


Fig. 15

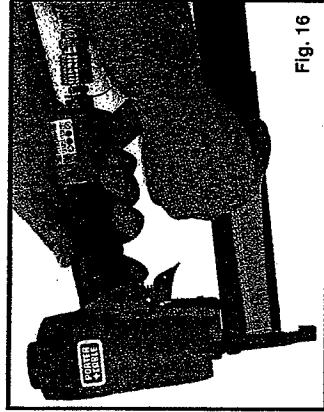


Fig. 16

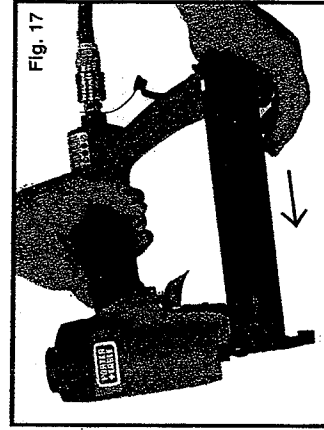


Fig. 17

PREPARING THE TOOL

1. After reading and understanding this entire manual, connect tool to air supply.

CAUTION: Keep tool pointed away from yourself and others at all times.

Always connect tool to air supply before loading fasteners.

Do not load fasteners with trigger or safety depressed.

Only use approved Porter-Cable fasteners (see ACCESSORIES).

Always wear Z87 approved safety glasses, and hearing protection when preparing or operating the tool.

Never use a tool that leaks air or needs repair.

2. Depress latch and slide magazine cover open, see Fig. 15.

3. Insert a strip of approved fasteners, see Fig. 16. Orient fasteners with points down, and in contact with the bottom of the magazine.

4. Push magazine cover closed, see Fig. 17.

5. Adjust directional exhaust deflector (A) Fig. 18, so that the exhaust air blast will be directed away from the operator. The exhaust deflector provides 8 detented positions for directing the exhaust blast away from the operator. Grasp the deflector and rotate it to the desired position for the current application.

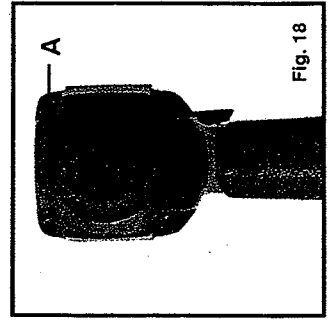


Fig. 18

USING THE TOOL

Complete all steps of PREPARING THE TOOL before using the tool.

To fire, grip tool firmly, position nose of tool onto work surface, push forward on tool to depress safety, and squeeze trigger to fire a fastener. This "trigger fire" method provides the most accurate fastener placement. This tool is shipped from the factory with a "restrictive fire trigger" that only allows the tool to be fired this way and is less likely to fire an unwanted fastener.

An alternate "bottom fire trigger" is available. The "bottom fire" trigger allows the tool to be fired in two different ways.

1. The tool can be fired using the "trigger fire" method described above.
OR
2. Grip tool firmly, depress and hold trigger while pushing the tool firmly against work surface. The tool will fire a fastener each time the safety is depressed. This method is known as "bottom fire" and allows very fast repetitive fastener placement.

The "bottom fire trigger" is available free-of-charge by calling 1-800-321-9443 in the United States and Canada or 001-901-660-9374 outside the United States and Canada, and providing tool model and serial number. For identification purposes: the Bottom Fire Trigger is black and the Restrictive Fire Trigger is red.

CAUTION: Remove finger from trigger when not driving fasteners. Never carry tool with finger on trigger: tool may fire a fastener if safety is bumped.

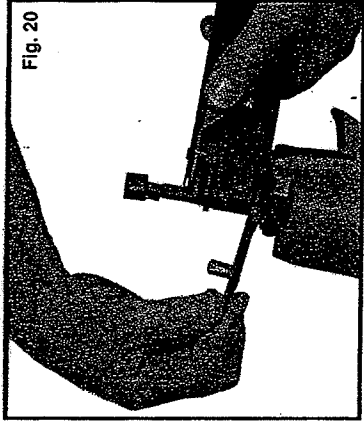
Keep tool pointed in a safe direction at all times.

Never attempt to drive a fastener into material that is too hard, or at too steep an angle, or near the edge of the workpiece. The fastener can ricochet causing personal injury.

Disconnect tool from air supply before performing maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.

Clean and inspect tool daily. Carefully check for proper operation of trigger and safety mechanism. **Do Not** use the tool unless both the trigger and the safety mechanism are functional, or if the tool is leaking air or needs any other repair.

The depth to which a fastener is driven is controlled by the depth adjustment knob (A) Fig. 19. The depth of drive is factory adjusted to a nominal setting. Test fire a fastener and check depth. If a change is desired, rotate the adjustment knob (A) Fig. 19: the adjustment knob has detents every 1/4 turn. Rotate the knob clockwise (see Fig. 19), to increase the depth of drive, rotate the knob counterclockwise to decrease the depth of drive. Test fire another fastener and check depth. Repeat as necessary to achieve desired results. The amount of air pressure required will vary depending on the size of the fastener and the material being fastened. Experiment with the air pressure setting to determine the lowest setting that will consistently perform the job at hand. Air pressure in excess of that require cause premature wear and/or damage to the tool.



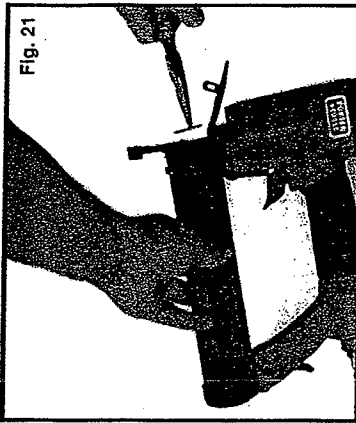
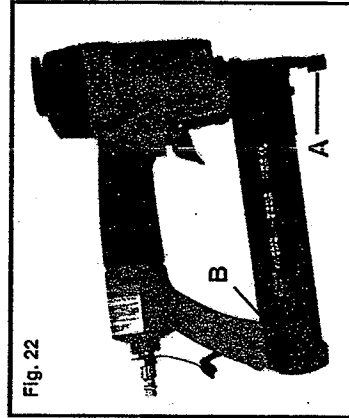
CLEARING A JAMMED FASTENER

1. **CAUTION:** Disconnect tool from air supply.
2. Open magazine and remove any remaining fasteners.
3. **CAUTION:** Remove fasteners from tool before opening the fastener guide plate. Fasteners are under pressure and may shoot out of magazine which could cause injury.
3. Depress the quick release latch and open the fastener guide plate (see Fig. 20).
4. Remove the jammed fastener (see Fig. 21).
5. Depress the quick release latch, close the fastener guide plate, and release the latch.

NOSE CUSHION

This tool is equipped with a rubber nose cushion (A) Fig. 22, that prevents marring of finished surfaces by the metal safety during normal operation. The nose cushion can be removed and stored in the rear area of the magazine (B) Fig. 22, when it is not required.

CAUTION: Disconnect tool from air supply before removing or reinstalling rubber nose cushion.



MAINTENANCE

CLE AND INSPECT DAILY

CAUTION: Disconnect tool from air supply before cleaning and inspection. Correct all problems before placing the tool back in use.

Wipe tool clean and inspect for wear or damage. Use non-flammable cleaning solutions to wipe exterior of tool only if necessary. **DO NOT SOAK** tool with cleaning solutions. Such solutions can damage internal parts.

Inspect trigger and safety mechanism to assure system is complete and functional; no loose or missing parts, no binding or sticking parts.

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

If tool is used without an in-line oiler: place 5 or 6 drops of Porter-Cable Air Tool Oil into the air inlet of the tool at the beginning of each workday.

SERVICE AND REPAIRS

All quality tools eventually require servicing or replacement of parts due to wear from normal use. Some user serviceable components are described in the TROUBLESHOOTING Section. Complete product Service is available from either an AUTHORIZED PORTER-CABLE SERVICE STATION or a PORTER-CABLE SERVICE CENTER. All repairs made by these agencies are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by anyone other than these agencies.

Should you have any questions about your tool, feel free to write us at any time. In any communications, please give all information shown on the nameplate of your tool (model number, type, serial number, etc.).

TROUBLESHOOTING

CAUTION: Disconnect tool from air supply before performing any Service Procedure.

SYMPTOM	PROBLEMS	SOLUTIONS
1. Air leak near top of tool or in trigger area. Kit.	Loose screws. Worn or damaged o-rings or seals.	Tighten screws. Install "OVERHAUL" Maintenance
2. Tool does nothing or operates sluggishly.	Inadequate air supply. Worn or damaged o-rings or seals.	Verify adequate air supply. Put 5 or 6 drops of oil into air inlet. Install "DRIVER" Maintenance Kit.
3. Air leak near bottom of tool. Kit.	Loose screws. Worn or damaged o-rings or bumper.	Tighten screws. Install "OVERHAUL" Maintenance
4. Tool jams frequently.	Incorrect fasteners. Damaged fasteners. Magazine or nose screws loose. Magazine is dirty. Driver is worn or damaged.	Verify approved fasteners of correct size. Replace w/undamaged fasteners. Tighten screws. Clean magazine. Install "DRIVER" Maintenance Kit.
5. Other.		Contact a Porter-Cable Service Facility.

ACCESSORIES

The testing of this tool has been accomplished with the following accessories. For safest operation, it is recommended that only these accessories be used with this product.

WARNING: Since accessories other than those listed have not been tested with this product, use of such accessories could be hazardous.

CATALOG NO.	DESCRIPTION	LENGTH	GAUGE	QUAN/BOX
BN18063	18 Ga. Brad Nail, 5/8"	5/8"	18	5000
BN18063-1	1000 Pk. of BN18063	5/8"	18	1000
BN18075	18 Ga. Brad Nail, 3/4"	3/4"	18	5000
BN18075-1	1000 Pk. of BN18075	3/4"	18	1000
BN18100	18 Ga. Brad Nail, 1"	1"	18	5000
BN18100-1	1000 Pk. of BN18100	1"	18	1000
BN18119	18 Ga. Brad Nail, 1 1/16"	1 1/16"	18	5000
BN18125	18 Ga. Brad Nail, 1 1/4"	1 1/4"	18	5000
BN18125-1	1000 Pk. of BN18125	1 1/4"	18	1000
60061	"OVERHAUL" Maintenance Kit			
60062	"DRIVER" Maintenance Kit			
884293	Oil (for Air Tools)			
893579	Safety Glasses			
893933	Bottom Fire Trigger			

PORTER-CABLE LIMITED ONE YEAR WARRANTY

Porter-Cable warrants its nailing and stapling tools for a period of one year from the date of original purchase. We will repair or replace at our option, any part or parts of the product and accessories covered under this warranty which, after examination, proves to be defective in workmanship or material during the warranty period. For repair or replacement return the complete tool or accessory, transportation prepaid, to your nearest Porter-Cable Service Center or Authorized Service Station. Proof of purchase may be required. This warranty does not apply to O-rings and Driver Blades or to repair or replacement required due to misuse, abuse, normal wear and tear or repairs attempted or made by other than our Service Centers or Authorized Service Stations.

ANY IMPLIED WARRANTY, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WILL LAST ONLY FOR ONE (1) YEAR FROM THE DATE OF PURCHASE.

To obtain information on warranty performance please write to: PORTER-CABLE CORPORATION, 4825 Highway 45 North, P.O. Box 2468, Jackson, Tennessee 38302-2468; Attention: Product Service. THE FOREGOING OBLIGATION IS PORTER-CABLE'S SOLE LIABILITY UNDER THIS OR ANY IMPLIED WARRANTY AND UNDER NO CIRCUMSTANCES SHALL PORTER-CABLE BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES. Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

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