

PORTER CABLE®

ROUND HEAD FRAMING NAILER

Cloueuse de charpente à
clous à tête ronde

Clavadora para
estructuras con
cabezal redondo

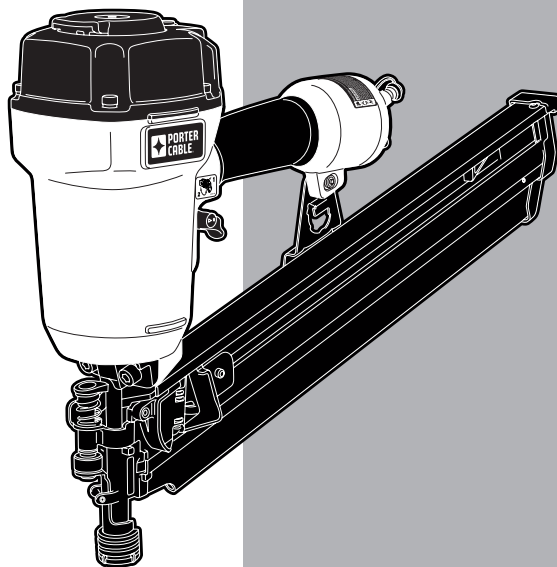
Instruction manual

Manuel d'instructions
Manual de instrucciones

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INSTRUCTIVO DE OPERACIÓN, CENTROS
DE SERVICIO Y PÓLIZA DE GARANTÍA.

⚠ ADVERTENCIA: LÉASE ESTE INSTRUCTIVO
ANTES DE USAR EL PRODUCTO.

FR350A

IMPORTANT SAFETY INSTRUCTIONS FOR PNEUMATIC TOOLS

SAVE THESE INSTRUCTIONS

⚠ WARNING: When using any pneumatic tool, all safety precautions, as outlined below, should be followed to avoid the risk of death or serious injury. Read and understand all instructions before operating the tool.

DEFINITIONS - SAFETY GUIDELINES

The definitions below describe the level of severity for each signal word. Please read the manual and pay attention to these symbols.

⚠ 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**.

- **Actuating tool may result in flying debris, collation material, or dust which could harm operator's eyes. 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). It is the employer's responsibility to enforce the use of eye protection equipment by the tool operator and other people in the work area. (Fig. A)

Fig. A



- **Minimize flying dust and debris by rotating 360° exhaust to appropriate setting.**
- **Always wear appropriate personal hearing and other protection during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.** (Fig. A)
- **Use only clean, dry, regulated air. Condensation from an air compressor can rust and damage the internal workings of the tool.** (Fig. B)
- **Regulate air pressure. Use air pressure compatible with ratings on the nameplate of the tool.** [Not to exceed 120 psi (8.3 bar).] Do not connect the tool to a compressor rated at over 175 psi. The tool operating pressure must never exceed 175 psi even in the event of regulator failure. (Fig. C)
- **Only use air hose that is 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.** (Fig. D)

Fig. B

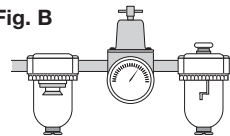


Fig. C

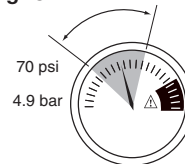


Fig. D



- **Do not use bottled gases to power this tool. Bottled compressed gases such as oxygen, carbon dioxide, nitrogen, hydrogen, propane, acetylene or air are not for use with pneumatic tools.** Never use combustible gases or any other reactive gas as a power source for this tool. Danger of explosion and/or serious personal injury may result. (Fig. E)
- **Use couplings that relieve all pressure from the tool when it is disconnected from the power supply. Use hose connectors that shut off air supply from compressor when the tool is disconnected.** (Fig. F)
- **Disconnect tool from air supply when not in use. Always disconnect tool from air supply and remove fasteners from magazine before leaving the area or passing the tool to another operator. Do not carry tool to another work area in which changing location involves the use of scaffoldings, stairs, ladders, and the like, with air supply connected. Do not make adjustments, remove magazine, perform maintenance or clear jammed fasteners while connected to the air supply.** If the contact trip is adjusted when the tool is connected to the air supply and nails are loaded, accidental discharge may occur. (Fig. G)
- **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.** Do not load fasteners with trigger or safety depressed to prevent unintentional firing of a fastener.
- **Do not remove, tamper with, or otherwise cause the tool, trigger, or contact trip to become inoperable. Do not tape or tie trigger or contact trip in the on position.** Do not remove spring from contact trip. Make daily inspections for free movement of trigger and contact trip. Uncontrolled discharge could result.
- **Inspect tool before use. Do not operate a tool if any portion of the tool, trigger, or contact trip is inoperable, disconnected, altered, or not working properly.** Leaking air, damaged parts or missing parts should be repaired or replaced before use. Refer to *Repairs*. (Fig. H)
- **Do not alter or modify the tool in any way.** (Fig. I)
- **Always assume that the tool contains fasteners.**
- **Do not point the tool at co-workers or yourself at any time. No horseplay! Work safe! Respect the tool as a working implement.** (Fig. J)
- **Keep bystanders, children, and visitors away while operating a power tool. Distractions can cause you to lose control.** When tool is not in use, it should be locked in a safe place, out of the reach of children.
- **Remove finger from trigger when not driving fasteners.**

Fig. E

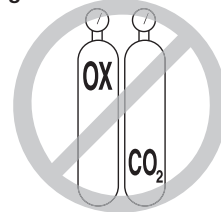


Fig. F

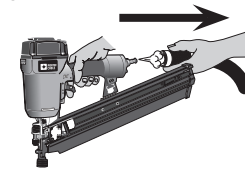


Fig. G

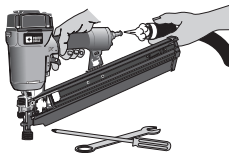


Fig. H

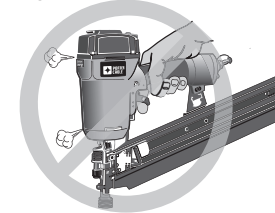


Fig. I

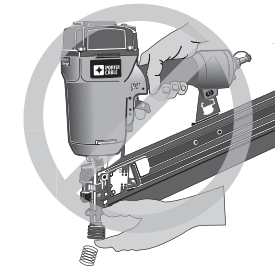


Fig. J



- **Never carry tool with finger on trigger. Using the trigger lock-off will prevent accidental discharge.** Accidental discharge could result.
- **Do not overreach. Maintain proper footing and balance at all times.** Loss of balance may cause personal injury. (Fig. K)
- **Make sure hose is free of obstructions or snags.** Entangled or snarled hoses can cause loss of balance or footing.
- **Use the tool only for its intended use. Do not discharge fasteners into open air, concrete, stone, extremely hard woods, knots or any material too hard for the fastener to penetrate.** Do not use the body of the tool or top cap as a hammer. Discharged fasteners may follow unexpected path and cause injury. (Fig. L)
- **Always keep fingers clear of contact trip to prevent injury from inadvertent release of nails.** (Fig. M)
- **Refer to the *Maintenance and Repairs* sections for detailed information on the proper maintenance of the tool.**
- **Always operate the tool in a clean, lighted area. Be sure the work surface is clear of any debris and be careful not to lose footing when working in elevated environments such as rooftops.**
- **Do not drive fasteners near edge of material. The workpiece may split causing the fastener to ricochet, injuring you or a co-worker.** Be aware that the nail may follow the grain of the wood (shiner), causing it to protrude unexpectedly from the side of the work material. Drive the nail perpendicular to the grain to reduce risk of injury. (Fig. N)
- **Do not drive nails onto the heads of other fasteners or with the tool at too steep an angle. Personal injury from strong recoil, jammed fasteners, or ricocheted nails may result.** (Fig. O)
- **Be aware of material thickness when using the nailer. A protruding nail may cause injury.**
- **Be aware that when the tool is being utilized at pressures on the high end of its operating range, nails can be driven completely through thin or very soft work material. Make sure the pressure in the compressor is set so that nails are set into the material and not pushed completely through.** (Fig. P)
- **Keep hands and body parts clear of immediate work area. Hold workpiece with clamps when necessary to keep hands and body out of potential harm.** Be sure the workpiece is properly secured before pressing the nailer against the material. The contact trip may cause the work material to shift unexpectedly. (Fig. Q)

Fig. K



Fig. L

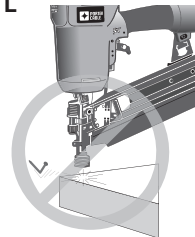


Fig. M

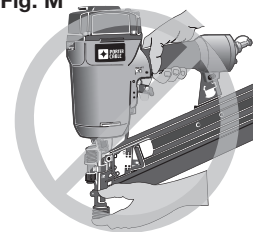


Fig. N

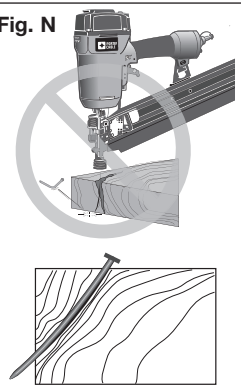


Fig. O



- Do not use tool in the presence of flammable dust, gases or fumes. The tool may produce a spark that could ignite gases causing a fire. Driving a nail into another nail may also cause a spark. (Fig. R)
- Keep face and body parts away from back of the tool cap when working in restricted areas. Sudden recoil can result in impact to the body, especially when nailing into hard or dense material. (Fig. S)
- Grip tool firmly to maintain control while allowing tool to recoil away from work surface as fastener is driven. In bump action mode (contact actuation mode) if contact trip is allowed to recontact work surface before trigger is released an unwanted fastener will be fired.
- Choice of triggering method is important. Check the manual for triggering options.

Fig. P

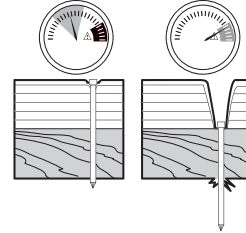


Fig. Q

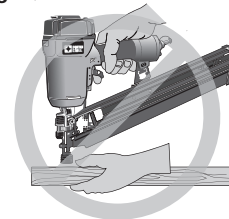


Fig. R



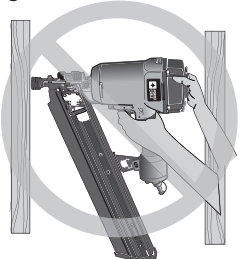
BUMP OR CONTACT ACTUATION TRIGGER

- When using the bump action trigger, be careful of unintentional double fires resulting from tool recoil. Unwanted fasteners may be driven if the contact trip is allowed to accidentally re-contact the work surface. (Fig. T)

TO AVOID DOUBLE FIRES:

- Do not engage the tool against the work surface with a strong force.
- Allow the tool to recoil fully after each actuation.
- Use sequential action trigger.
- When bump actuating the nailer, always keep tool in control. Inaccurate placement of tool can result in misdirected discharge of a fastener.

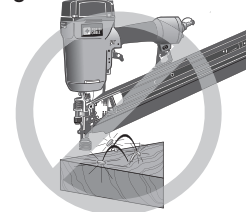
Fig. S



SEQUENTIAL ACTION TRIGGER

- When using the sequential action trigger, do not actuate the tool unless the tool is placed firmly against the workpiece.
- **DEPTH ADJUSTMENT:** To reduce risk of serious injury from accidental actuation when attempting to adjust depth, **ALWAYS:**
 - Disconnect air supply.
 - Avoid contact with trigger during adjustments.
- Do not drive nails blindly into walls, floors or other work areas. Fasteners driven into live electrical wires, plumbing, or other types of obstructions can result in injury. (Fig. U)
- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use tool while tired or under the influence of drugs or alcohol. A moment of inattention while operating power tools may result in serious personal injury.

Fig. T



⚠ WARNING: Use of this product will expose you to chemicals known to the State of California to cause cancer, birth defects and other reproductive harm. **Avoid inhaling vapors and dust, and wash hands after using.**

- **Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water.** Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

Fig. U



⚠ WARNING: Use of this tool can generate and/or disburse dust, which may cause serious and permanent respiratory or other injury. Always use NIOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body. Always operate tool in well-ventilated area and provide for proper dust removal. Use dust collection system wherever possible.

⚠ WARNING: ALWAYS USE SAFETY GLASSES. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:

- ANSI Z87.1 eye protection (CAN/CSA Z94.3),
- ANSI S12.6 (S3.19) hearing protection,
- NIOSH/OSHA respiratory protection.

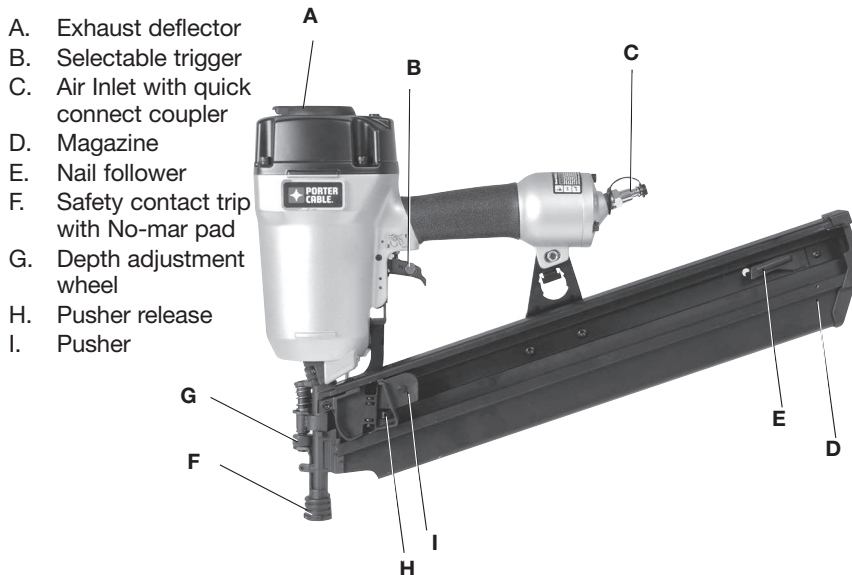
Before operating this tool, carefully read and understand all instructions in Important Safety Instructions.

SAVE THESE INSTRUCTIONS

NAIL SPECIFICATIONS	
FR350A	
Nails	0.113"–0.148" (2.87–3.76 mm) diameter, plastic collated round head framing nails
Lengths	2"–3-1/2" (50–90 mm)
Angle	22°
Air Inlet	1/4" NPT (6.4 mm)
NOTE: Use only PORTER-CABLE approved fasteners	

TOOL PARTS

Fig. 1



ASSEMBLY

⚠ WARNING: Disconnect air line from tool and remove fasteners from magazine before making adjustments or personal injury may result.

TRIGGER

⚠ WARNING: Keep fingers AWAY from trigger when not driving fasteners to avoid accidental firing. Never carry tool with finger on trigger. In bump action mode (contact actuation mode) tool will fire a fastener if safety is bumped while trigger is depressed.

The FR350A is equipped with a selectable trigger. This trigger allows the operator to select either single sequential action trigger mode or bump action trigger mode. In accordance with the ANSI Standard SNT-101-2002, the trigger is assembled in the single sequential action trigger mode. To change the trigger mode, see **Actuating Tool** instructions in the *Operation* section of the manual.

IMPORTANT: A trigger, which will **limit** the tool to **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 **sequential actuation** trigger is red.

AIR FITTING

The tool is equipped with a 1/4" (6.4 mm) male quick connector coupling. A 3/8" (9.5 mm) male quick connector coupling is available from PORTER-CABLE and may be used when a 1/4" (6.4 mm) supply line is not available.

NOTE: A 3/8" (9.5 mm) supply line (and fittings) are required for maximum tool performance. **IMPORTANT:** Always use couplings that relieve all pressure from the tool when it is disconnected from the power supply. Always use hose connectors that shut off air supply from compressor when the tool is disconnected.

To install an air fitting

1. Wrap the male end of the fitting with thread seal tape prior to assembly to eliminate air leaks.
2. To install a 1/4" (6.4 mm) fitting: screw it directly into the air inlet and tighten firmly. **NOTE:** If an adapter is in the air inlet, remove it prior to inserting the fitting.
3. To install a 3/8" (9.5 mm) fitting: screw the fitting into the 3/8" (9.5 mm) adapter and then into the air inlet of the tool and tighten firmly.

OPERATION

PREPARING THE TOOL

⚠ WARNING: Read the section titled **Important Safety Instructions for Pneumatic Tools** at the beginning of this manual. Always wear eye and ear protection when operating this tool. Keep the nailer pointed away from yourself and others. For safe operation, complete the following procedures and checks before each use of the nailer.

CAUTION: To reduce the risk of damage to the tool, only use PORTER-CABLE pneumatic tool oil or a non-detergent S.A.E. 20 weight oil. Oil with additives or detergent will damage tool parts.

1. Before you use the nailer, be sure that the compressor tanks have been properly drained.
2. Lubricate tool:
 - a. Use PORTER-CABLE pneumatic tool oil or a non-detergent S.A.E. 20 weight oil. DO NOT use detergent oil or additives as they will damage O-rings and rubber parts.
 - b. Use a filter and regulator when possible.
 - c. Add 5 to 7 drops of oil in the air fitting a least twice a day.
3. Wear eye and ear protection.
4. Ensure magazine is empty of all fasteners.
5. Check for smooth and proper operation of contact trip. Do not use tool if assembly is not functioning properly. NEVER tamper with the contact trip. NEVER use a tool that has the contact trip restrained in the actuated position.
6. Check air supply: Ensure air pressure does not exceed recommended operating limits; 70 to 120 psi, (4.9 to 8.3 bar, 5 to 8.5 kg/cm²).
7. Keep tool pointed away from yourself and others.
8. Connect air hose.
9. Check for audible leaks around valves and gaskets. Never use a tool that leaks or has damaged parts.

⚠ WARNING: To reduce the risk of 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.

LOADING THE TOOL (FIG. 1–5)

⚠ WARNING: Keep the tool pointed away from yourself and others. Serious personal injury may result.

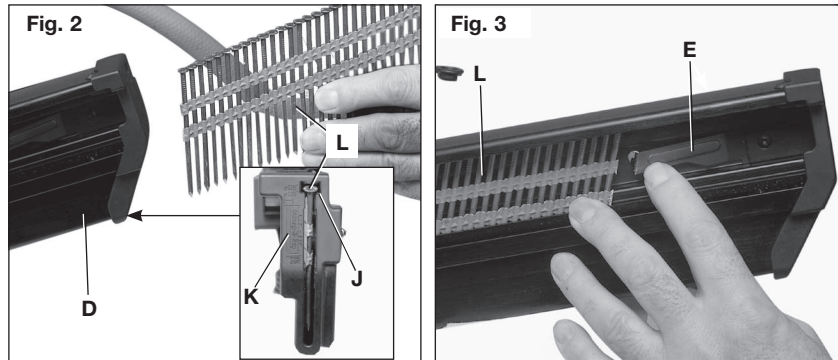
⚠ WARNING: Never load nails with the contact trip or trigger activated. Personal injury may result.

⚠ WARNING: DO NOT load fasteners strip into magazine backwards.

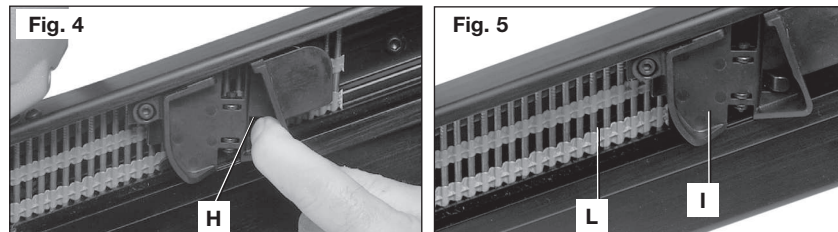
1. Read all **Safety Warnings** before using tool.
2. Connect the tool to air supply.

NOTE: See icon (K) for fastener direction.

3. Insert fasteners (L) into T-slot (J) at the rear of the magazine (E) past the nail follower (E). **NOTE:** Magazine will hold two full fastener strip.



4. Depress pusher release (H) and pull pusher (I) back until the nail follower (E) falls behind the fasteners.



NOTE: Do not allow the pusher to snap forward against the nail strip, allowing this to happen could damage the nail collation.

NOTE: This tool has a dry fire lock out device which will not allow the tool to fire when the fastener quantity in the magazine is reduced to four. When unloading and loading the magazine always make sure these four nails have been removed from the magazine. If the nails are not removed from the magazine and the tool is reloaded and fired the nails will cause the tool to jam.

ACTUATING TOOL

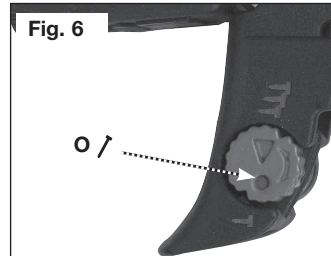
⚠ WARNING: To reduce the risk of injury, **ALWAYS** wear proper eye [ANSI Z87.1 (CAN/CSA Z94.3)] and hearing protection [ANSI S12.6 (S3.19)] when operating this tool.

The tool can be actuated using one of two modes: single sequential action trigger mode and bump action trigger mode.

Sequential action trigger - / (Fig. 6)

⚠ WARNING: A fastener will fire each time the trigger is depressed as long as the contact trip remains depressed which could result in accidental firing.

The sequential action trigger's intended use is for intermittent fastening where very careful and accurate placement is desired. Push selectable trigger button (O) from back of trigger and turn indicator to the / position. The tool is now ready to operate in the single sequential action trigger mode



To operate the tool in sequential action mode:

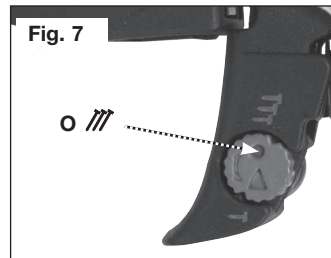
1. Depress the contact trip firmly against the work surface.
2. Depress the trigger.

⚠ WARNING: A nail will fire each time the trigger is depressed as long as the contact trip remains depressed.

Bump action trigger - /// (Fig. 7)

The bump action trigger's intended use is for rapid fastening on flat, stationary surfaces.

Using the bump action trigger, two methods are available: **place actuation** and **bump actuation**. Push selectable trigger button (O) from back of trigger and turn indicator to the /// position. The tool is now ready to operate in the bump action trigger mode



To operate the tool using the PLACE ACTUATION method:

1. Depress the contact trip against the work surface.
2. Depress the trigger.

To operate the tool using the BUMP ACTUATION method:

1. Depress the trigger.
2. Push the contact trip against the work surface. As long as the trigger is depressed, the tool will fire a fastener every time the contact trip is depressed. This allows the user to drive multiple fasteners in sequence.

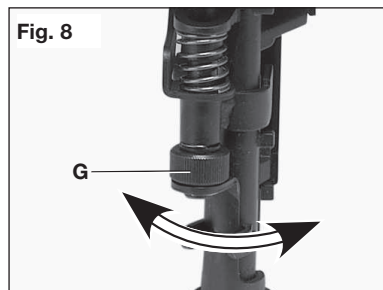
ADJUSTING DEPTH (FIG. 8)

⚠ WARNING: To reduce risk of serious injury from accidental actuation when attempting to adjust depth, ALWAYS:

- Disconnect air supply.
- Avoid contact with trigger during adjustments.

The depth that the fastener is driven can be adjusted using the depth adjustment wheel (G). The depth of drive is factory adjusted. Test fire a fastener and check depth. If a change is desired:

1. To drive the nail shallower, rotate the depth setting wheel (G) to the right.

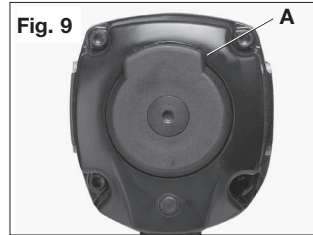


2. To drive a nail deeper, rotate the depth setting wheel (G) to the left. The adjustment knob has detents every 1/4 turn. Test fire another fastener and check depth. Repeat as necessary to achieve desired results. The amount of air pressure required will vary depending on the size of the fastener and the material being fastened. Experiment with the air pressure setting to determine the lowest setting that will consistently perform the job at hand.

CAUTION: Air pressure in excess of that required can cause premature wear and/or damage to the tool.

DIRECTIONAL EXHAUST DEFLECTOR (FIG. 9)

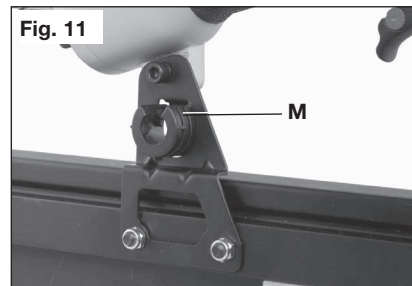
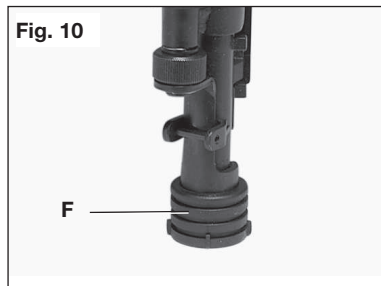
Adjust directional exhaust deflector (A), so the exhaust air blast will be directed away from the operator. The exhaust deflector provides eight detented positions for directing the exhaust blast away from the operator. Grasp the deflector and rotate it to the desired position for the current application.



NO-MAR PAD (FIG. 10, 11)

WARNING: Disconnect tool from air supply before removing or re-installing no-mar pad.

The no-mar pad (F) is provided to reduce marring of the work surface. The no-mar pad can be removed, and stored inside the bracket (M), to provide increased depth-of-drive for toe-nailing applications.



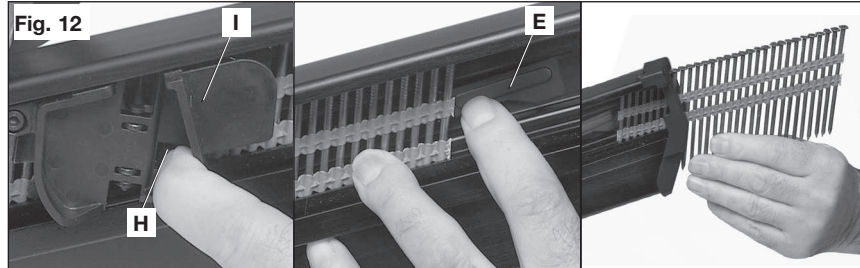
CLEARING A JAMMED NAIL (FIG. 1, 12-14)

WARNING: Disconnect air line from tool and remove fasteners from magazine before making adjustments or personal injury may result.

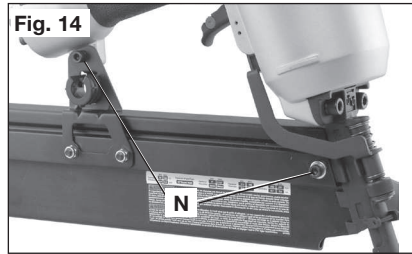
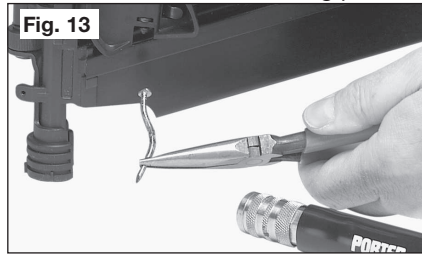
If a nail becomes jammed in the nosepiece, keep the tool pointed away from you and follow these instructions to clear:

1. Disconnect the air supply from the tool.
2. Depress pusher release (H) and slide pusher (I) all the way to the front of the magazine.

3. Depress nail follower (E) and slide fasteners from magazine.



4. If nail is jammed between the driver and nose casting force driver blade back to the top using a 1/4" (6.4 mm) punch and hammer. When the nail is released it will fall free or can be removed using pliers.



5. If nail still can not be removed, remove the magazine:
 - a. Remove screws (N).
 - b. Remove magazine.
 - c. Remove bent nail.
 - d. Reassemble in reverse order.

NOTE: Should nails continue to jam frequently in nosepiece, have tool serviced by an authorized PORTER-CABLE service center.

COLD WEATHER OPERATION

When operating tools at temperatures below freezing:

1. Make sure compressor tanks have been properly drained prior to use.
2. Keep tool as warm as possible prior to use.
3. Make certain all fasteners have been removed from magazine.
4. Put 5 to 7 drops of PORTER-CABLE pneumatic tool oil in the air inlet.
5. Lower air pressure to 80 psi or less.
6. Reconnect air and load nails into magazine.
7. Actuate the tool 5 or 6 times into scrap lumber to lubricate O-rings.
8. Turn pressure up to operating level (not to exceed 120 psi) and use tool as normal.
9. Re-lubricate at least once daily.
10. Always drain the compressor tanks at least once a day.

HOT WEATHER OPERATION

Tool should operate normally. However, keep tool out of direct sunlight as excessive heat can deteriorate bumpers, O-rings and other rubber parts resulting in increased maintenance.

MAINTENANCE

⚠ WARNING: Disconnect air line from tool and remove fasteners from magazine before making adjustments or personal injury may result.

DAILY MAINTENANCE CHART

ACTION	WHY	HOW
Lubricate tool with 5-7 drops of PORTER-CABLE pneumatic tool oil	Prevents failure of o-rings	Insert drops into air fitting on end cap of tool
Drain compressor tanks and hoses daily	Prevents accumulation of moisture in compressor and nailer	Open petcocks or other drain valves on compressor tanks. Allow any accumulated water to drain from hoses
Clean magazine, magazine release and contact trip mechanism.	Permits smooth operation of magazine, reduces wear and prevents jams.	Blow clean with compressor air. The use of oils, lubricants periodically or solvents is not recommended as they tend to attract debris.
Before each use, check to insure all screws, nuts and fasteners are tight and undamaged.	Prevents jams, leaks and premature failure of tool parts.	Tighten loose screws or other fasteners using the appropriate hex wrench or screwdriver.

CLEANING

⚠ WARNING: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. These chemicals may weaken the materials used in these parts. Use a cloth dampened only with water and mild soap. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.

REPAIRS

For assistance with your tool, visit our website at www.deltaportercable.com for a list of service centers, or call the PORTER-CABLE Customer Care Center at (888) 848-5175.

SERVICE

REPLACEMENT PARTS

Use only identical replacement parts. For a parts list or to order parts, visit our service website at www.deltaportercableservicenetwork.com. You can also order parts from your nearest PORTER-CABLE Factory Service Center or PORTER-CABLE Authorized Warranty Service Center. Or, you can call our Customer Care Center at (888) 848-5175.

SERVICE AND REPAIRS

All quality tools will eventually require servicing and/or replacement of parts. For information about PORTER-CABLE, its factory service centers or authorized warranty service centers, visit our website at www.deltaportercable.com or call our Customer Care Center at (888) 848-5175. All repairs made by our service centers are fully guaranteed against defective material and workmanship. We cannot guarantee repairs made or attempted by others.

You can also write to us for information at PORTER-CABLE, 4825 Highway 45 North, Jackson, Tennessee 38305 - Attention: Product Service. Be sure to include all of the information shown on the nameplate of your tool (model number, type, serial number, etc.).

ACCESSORIES

⚠ WARNING: Since accessories, other than those offered by PORTER-CABLE, have not been tested with this product, use of such accessories with this tool could be hazardous. To reduce the risk of injury, only PORTER-CABLE recommended accessories should be used with this product.

A complete line of accessories is available from your PORTER-CABLE Factory Service Center or a PORTER-CABLE Authorized Warranty Service Center. Please visit our Web Site www.deltaportercable.com for a catalog or for the name of your nearest supplier.

THREE YEAR LIMITED WARRANTY

PORTER-CABLE will repair, without charge, any defects due to faulty materials or workmanship for three years from the date of purchase. This warranty does not cover part failure due to normal wear or tool abuse. For further detail of warranty coverage and warranty repair information, visit www.deltaportercable.com or call (888) 848-5175. This warranty does not apply to accessories or damage caused where repairs have been made or attempted by others. This warranty gives you specific legal rights and you may have other rights which vary in certain states or provinces.

In addition to the warranty, PORTER-CABLE tools are covered by our:

1 YEAR FREE SERVICE: PORTER-CABLE will maintain the tool and replace worn parts caused by normal use, for free, any time during the first year after purchase.

90 DAY MONEY BACK GUARANTEE: If you are not completely satisfied with the performance of your PORTER-CABLE Power Tool, Laser, or Nailer for any reason, you can return it within 90 days from the date of purchase with a receipt for a full refund – no questions asked.

LATIN AMERICA: This warranty does not apply to products sold in Latin America. For products sold in Latin America, see country specific warranty information contained in the packaging, call the local company or see website for warranty information.

To register your tool for warranty service visit our website at www.deltaportercable.com.

WARNING LABEL REPLACEMENT

If your warning labels become illegible or are missing, call (888) 848-5175 for a free replacement.

Model FR350A		ROUND HEAD FRAMING NAILER	
⚠ WARNING Read and understand tool labels and manual. Failure to follow warnings could result in death or serious injury. Operators and others in work area must wear ANSI Z87.1 safety glasses with side shields. Keep fingers away from trigger when not driving fasteners to avoid accidental firing. Choice of triggering method is important. Check manual for triggering options. Never disable trigger. Ensure trigger operates properly before use. Never point tool at yourself or others in work area. Never use oxygen or other bottled gases. Explosion may occur. Disconnect air before servicing tool, clearing jams, and adjusting depth.			
Operating Pressure:	MIN. MAX. PS BAR	Fastener Angle/Type:	Fastener Diameter: MIN. MAX. MIN. MAX. MIN. MAX. inch mm
⚠ ADVERTENCIA Por favor lea y comprenda las etiquetas y el manual de la herramienta. El no cumplir con las advertencias, podría resultar en serias lesiones personales o la muerte. Los operarios y demás personas en el área de trabajo deberán llevar anteojos de seguridad ANSI Z87.1 de protección lateral. A fin de evitar el disparo accidental, mantenga los dedos alejados del gatillo cuando no está disparando. Es importante escoger el método de disparo. Verifique las opciones que ofrece el manual. Jamás deshabilite el gatillo. Asegúrese de el gatillo trabaje apropiadamente antes de utilizar la herramienta. La herramienta jamás se deberá apuntar hacia uno mismo ni hacia las demás personas en el área de trabajo. Jamás utilice oxígeno ni demás gases envasados que pudiesen explotar. Desconecte la alimentación de aire antes de revisar la herramienta, antes de desarmar los sujetadores o de ajustar la profundidad.			
⚠ AVERTISSEMENT Lire et comprendre les étiquettes de l'outil ainsi que le guide d'utilisation. Le non-respect des avertissements présente des risques de décès ou de blessures graves. Les personnes qui utilisent l'outil et les personnes qui se trouvent dans la zone de travail doivent porter des lunettes de sécurité à écrans latéraux conformes à la norme ANSI Z87.1. Éloigner les doigts de la détente lorsqu'on n'enfoncé pas d'attaches afin d'éviter le fonctionnement accidentel de l'outil. Le choix de la méthode d'agrafage est important. Vérifier les options de détente dans le guide d'utilisation. Ne jamais désactiver la détente. S'assurer que le déclencheur fonctionne convenablement avant d'utiliser l'outil. Ne jamais pointer l'outil vers soi ou vers d'autres personnes dans la zone de travail. Ne jamais utiliser de l'oxygène ni d'autres gaz embouteillés; cela présente un risque d'explosion. Débrancher l'alimentation en air avant de faire l'entretien de l'outil, de dégager l'outil et d'en régler la profondeur.			

TROUBLESHOOTING GUIDE

MANY COMMON PROBLEMS CAN BE SOLVED EASILY BY UTILIZING THE CHART BELOW. FOR MORE SERIOUS OR PERSISTENT PROBLEMS, CONTACT A PORTER-CABLE SERVICE CENTER OR CALL 1 888 848-5175.





⚠ WARNING: To reduce the risk of serious personal injury, **ALWAYS** disconnect air from tool before all repairs.

SYMPTOM	PROBLEMS	SOLUTIONS
Air leak near top of tool or in trigger area	Loose screws.	Tighten screws.
	Worn or damaged o-rings or seals.	Install Overhaul Kit.
Tool does nothing or operates sluggishly	Inadequate air supply.	Verify adequate air supply.
	Inadequate lubrication.	Put 5 or 7 drops of oil into air inlet.
	Worn or damaged o-rings or seals.	Install Overhaul Kit.
Air leak near bottom of tool	Loose screws.	Tighten screws.
	Worn or damaged o-rings or bumper.	Install Overhaul Kit.
Tool jams frequently	Incorrect fasteners.	Verify approved fasteners of correct size.
	Damaged fasteners.	Replace with undamaged fasteners.
	Magazine or nose screws loose	Tighten screws.
	Magazine is dirty.	Clean magazine.
	Driver tip is worn or damaged.	Install Driver Maintenance Kit.
Other		Contact a PORTER-CABLE Authorized Warranty Service Center

TOOL SPECIFICATIONS

	FR350A
Height (inch/meter)	13.8/0.35
Width (inch/meter)	4.6/0.15
Length (inch/meter)	21.2/0.54
Weight (lbs/kg)	7.7/3.5
Recommended Operating Pressure	70-120 psi (4.8 to 8.3 bar)
Air Consumption per 100 cycles	9.76 SCF
Loading capacity	63-64 nails

	Compressor will be sufficient for tools at all production rates.
	Compressor will be sufficient at slow or moderate production rates, but may have difficulty at very rapid rates.
	Compressor will be adequate only when tools are utilized at slow production rates (punch-out or occasional use).
NR	Not Recommended

		Portable Handcarry 3.2 – 4 CFM	5.5 HP Gas 2 HP Elec. 8 – 9 CFM	8 HP Gas 14 – 16 CFM	Industrial 23+ CFM
					
NUMBER OF TOOLS CONNECTED TO COMPRESSOR	1				
	2				
	3				
	4	NR			
	5	NR			
	6	NR	NR		
	7	NR	NR		
	8+	NR	NR		