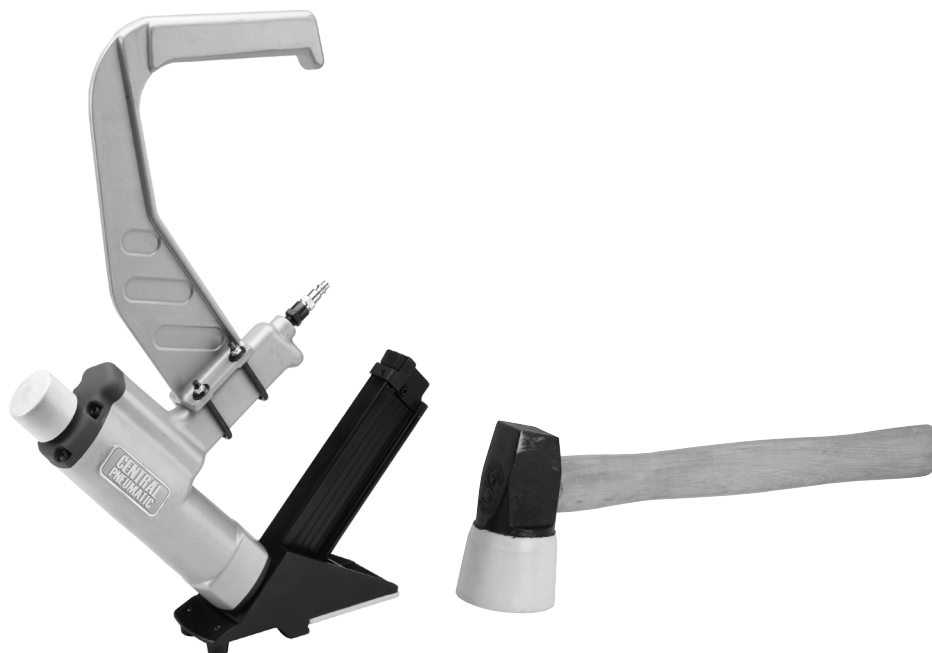


# CENTRAL PNEUMATIC®

## FLOOR NAILER CLEAT & STAPLE TYPE

**Model 97586**

### ASSEMBLY AND OPERATING INSTRUCTIONS



Visit our website at: <http://www.harborfreight.com>



**Read this material before using this product.  
Failure to do so can result in serious injury.  
SAVE THIS MANUAL.**

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**For technical questions or replacement parts, please call 1-800-444-3353.**

Manual Revised 10g

## SAVE THIS MANUAL

Keep this manual for the safety warnings and precautions, assembly, operating, inspection, maintenance and cleaning procedures. Write the product's serial number in the back of the manual near the assembly diagram (or month and year of purchase if product has no number). Keep this manual and the receipt in a safe and dry place for future reference.

### Safety Alert Symbol and Signal Words

In this manual, on the labeling, and all other information provided with this product:



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

#### **DANGER**

**DANGER** indicates a hazardous situation which, if not avoided, will result in death or serious injury.

#### **WARNING**

**WARNING** indicates a hazardous situation which, if not avoided, could result in death or serious injury.

#### **CAUTION**

**CAUTION**, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.







#### **NOTICE**

**NOTICE** is used to address practices not related to personal injury.

## CAUTION

**CAUTION**, without the safety alert symbol, is used to address practices not related to personal injury.

### Symbol Definitions

Symbol	Property or statement
<b>PSI</b>	Pounds per square inch of pressure
<b>CFM</b>	Cubic Feet per Minute flow
<b>SCFM</b>	Cubic Feet per Minute flow at standard conditions
<b>NPT</b>	National pipe thread, tapered
<b>NPS</b>	National pipe thread, straight
	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.
	Warning marking concerning Risk of Puncture Injury. Wear heavy-duty work gloves.
	Read the manual before set-up and/or use.
	WARNING marking concerning Risk of Hearing Loss. Wear hearing protection.
	WARNING marking concerning Risk of Respiratory Injury. Wear NIOSH-approved dust mask/respirator.
	WARNING marking concerning Risk of Explosion.

## IMPORTANT SAFETY INSTRUCTIONS

**INSTRUCTIONS PERTAINING TO A RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS**

**WARNING** – When using tools, basic precautions should always be followed, including the following:

### General

- a. **To reduce the risks of electric shock, fire, and injury to persons, read all the instructions before using the tool.**


### Work area


- a. **Keep the work area clean and well lighted.** Cluttered benches and dark areas increase the risks of electric shock, fire, and injury to persons.
- b. **Do not operate the tool in explosive atmospheres, such as in the presence of flammable liquids, gases, or dust.** The tool is able to create sparks resulting in the ignition of the dust or fumes.
- c. **Keep bystanders, children, and visitors away while operating the tool.** Distractions are able to result in the loss of control of the tool.


### Personal safety

- a. **Stay alert. Watch what you are doing and use common sense when operating the tool. Do not use the tool while tired or under the influence of drugs, alcohol, or medication.** A moment of inattention while operating the tool increases the risk of injury to persons.
- b. **Dress properly. Do not wear loose clothing or jewelry. Contain long hair. Keep hair, clothing, and gloves away from moving parts.** Loose clothes, jewelry, or long hair increases the risk of injury to persons as a result of being caught in moving parts.

- c. **Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.

- d.  **Use safety equipment.** A dust mask, non-skid safety shoes and a hard hat must be used for the applicable conditions. Wear heavy-duty work gloves during use.

- e.  **Always wear eye protection.** Wear ANSI-approved safety goggles with side shields.

- f.  **Always wear hearing protection when using the tool.** Prolonged exposure to high intensity noise is able to cause hearing loss.

- g. **Do not attach the hose or tool to your body.** Attach the hose to the structure to reduce the risk of loss of balance if the hose shifts.

- h. **Always assume that the tool contains fasteners.** Do not point the tool toward yourself or anyone whether it contains fasteners or not.

- i. **WARNING – Do not fire fastener on top of another fastener.** This is able to cause the fastener to be deflected and hit someone, or cause the tool to react and result in a risk of injury to persons.

### Tool use and care

- a. **Use clamps or another practical way to secure and support the workpiece to a stable platform.** Holding the work by hand or against the body is unstable and can lead to loss of control.
- b. **Do not force the tool.** Use the correct tool for the application. The correct tool

will do the job better and safer at the rate for which the tool is designed.


- c. **Disconnect the tool from the air source before making adjustments, doing tool maintenance, clearing jams, touching the safety nosepiece, leaving work area, loading, or unloading the tool.** Such precautionary measures reduce the risk of injury to persons.
- d. **Store the tool when it is idle out of reach of children and other untrained persons.** A tool is dangerous in the hands of untrained users.
- e. **Maintain the tool with care.** A properly maintained tool reduces the risk of binding and is easier to control.
- f. **Check for misalignment or binding of moving parts, breakage of parts, and any other condition that affects the tool's operation.** If damaged, have the tool serviced before using. Many accidents are caused by poorly maintained tools. There is a risk of bursting if the tool is damaged.
- g. **Use only accessories that are identified by the manufacturer for the specific tool model.** Use of an accessory not intended for use with the specific tool model, increases the risk of injury to persons.
- h. **Use only those fasteners listed in the Specifications chart of this manual.** Fasteners not identified for use with this tool by the tool manufacturer are able to result in a risk of injury to persons or tool damage when used in this tool.

### Service

- a. **Tool service must be performed only by qualified repair personnel.**

- b. **When servicing a tool, use only identical replacement parts. Use only authorized parts.**
- c. **Use only the lubricants supplied with the tool or specified by the manufacturer.**

### Air source

- a.  **Never connect to an air source that is capable of exceeding 200 PSI.** Over pressurizing the tool may cause bursting, abnormal operation, breakage of the tool or serious injury to persons. Use only clean, dry, regulated compressed air at the rated pressure or within the rated pressure range as marked on the tool. Always verify prior to using the tool that the air source has been adjusted to the rated air pressure or within the rated air-pressure range.
- b. **Never use oxygen, carbon dioxide, combustible gases or any bottled gas as an air source for the tool.** Such gases are capable of explosion and serious injury to persons.



**SAVE THESE INSTRUCTIONS.**

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## **SPECIFIC SAFETY INSTRUCTIONS**

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1. **Operators and others in work area MUST wear ANSI-approved safety goggles with side shields during use.** The employer is responsible to enforce the use of eye protection by the operator and others in the work area.
2. **Avoid unintentional misfiring.** Always use caution to avoid accidentally striking the Head Cap (10). This product **does**

- not** feature a safety mechanism to avoid misfires. Do not point the tool towards yourself or anyone whether it contains nails/staples or not.
3. Always assume the tool contains fasteners.
  4. Do not point the tool toward yourself or anyone whether it contains fasteners or not.
  5. Do not actuate the tool unless the tool is placed firmly against the workpiece.
  6. Respect the tool as a working implement.
  7. No horseplay. This tool is not a toy and can be deadly if misused.
  8. Do not remove, tamper with, or otherwise cause the tool operating controls to become inoperable.
  9. Do not operate the tool if any portion of the tool operating controls is inoperable, disconnected, altered, or not working properly.
  10. Disconnect the tool from the air supply when:
    - a. Unattended.
    - b. Performing any maintenance or repair.
    - c. Clearing a jam.
    - d. Moving the tool to a new location.
  11. Do not make any modifications to this tool.
  12. Refer to the tool maintenance instructions for detailed information on the proper maintenance of the tool.
  13. Fire fasteners into an appropriate work surface only. Do not attempt to fire fasteners into surfaces too hard to penetrate. Do not drive fasteners on top of other fasteners, or at too steep of an angle. Fasteners can ricochet causing personal injury.
  14. Do not fire fasteners too close to the edge of a workpiece. They may split the workpiece and fly free, causing personal injury.
  15. Keep clear of the workpiece near the area being fastened. Fasteners may bend sideways during firing, causing them to exit the workpiece at an unexpected point, causing personal injury.
  16. Transport tool safely. Always disconnect air supply when moving the tool. Carry the tool by the handle and avoid contact with the head cap.
  17. Hold tool away from head and body. During operation the tool may kick back causing injury.
  18. Do not fire fasteners into a workpiece that has people, utility lines, or other objects behind or inside it.
  19. Keep balance while using this tool. Keep area below clear if working in an elevated location, and secure air hose to prevent falls from bystanders accidentally pulling on it.
  20. Obey the manual for the air compressor used to power this tool.
  21. Install an in-line shutoff valve to allow immediate control over the air supply in an emergency, even if a hose is ruptured.
  22. Do not engrave or stamp anything into the housing to prevent weakening of the housing.
  23. **WARNING:** Some dust created by power sanding, sawing, grinding, drilling, and other construction activities, contains chemicals known [to the State

of California] to cause cancer, birth defects or other reproductive harm.

Some examples of these chemicals are:

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

Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles. (California Health & Safety Code § 25249.5, *et seq.*)

24. **WARNING:** The brass components of this product contain lead, a chemical known to the State of California to cause birth defects (or other reproductive harm). (California Health & Safety code § 25249.5, *et seq.*)
25. The warnings and precautions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

### **Vibration Precautions**

This tool vibrates during use. Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders. To reduce the risk of vibration-related injury:

1. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused

or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.

2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
3. Wear suitable gloves to reduce the vibration effects on the user.
4. Use tools with the lowest vibration when there is a choice between different processes.
5. Include vibration-free periods each day of work.
6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
7. To reduce vibration, maintain tool as explained in this manual. If abnormal vibration occurs, stop immediately.



**SAVE THESE  
INSTRUCTIONS.**

## SPECIFICATIONS

Product Applications	Designed for 1/2" or 3/4" Floor Panels with interchangeable Spacer
Fastener Sizes	Cleat Nails: 1-1/2" to 2" Long / 1/2" Crown Staples: 1" to 2" long
Fastener Gauges	Cleat Nails: 16 Gauge / Crown Staples: 15-1/2 Gauge
Recommended Air Pressure	70 PSI to 90 PSI: Do Not Exceed 90 PSI
Air Inlet Size	1/4" - 18 NPT
Magazine Capacity	100 Cleat Nails or 80 Crown Staples (Top Loading)
Accessories	3mm Hex Key Wrench / 4 mm Hex Key Wrench 5mm Ball End Hex Wrench / Bottle with Air Tool Oil Safety Goggles / Hammer Spacer for 1/2" Boards

### INITIAL TOOL SET UP/ ASSEMBLY



Read the **ENTIRE IMPORTANT SAFETY INFORMATION** section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

**Note:** For additional information regarding the parts listed in the following pages, refer to the Assembly Diagram near the end of this manual.

#### Unpacking

When unpacking, make sure that the item is intact and undamaged. If any parts are missing or broken, please call Harbor Freight Tools at 1-800-444-3353 as soon as possible.

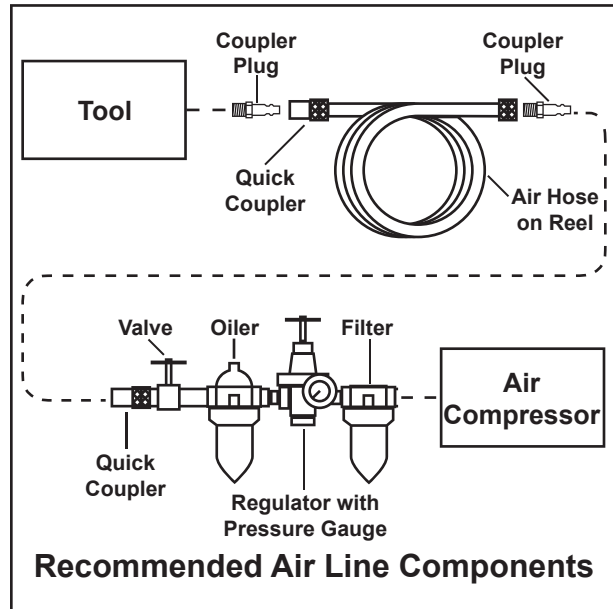
- This air tool may be shipped with a protective plug covering the air inlet. Remove this plug before set up.

#### Air Supply



**TO PREVENT EXPLOSION:**

Use only clean, dry, regulated, compressed air to power this tool. Do not use oxygen, carbon dioxide, combustible gases, or any other bottled gas as a power source for this tool.



- Incorporate a filter, regulator with pressure gauge, oiler, in-line shutoff valve, and quick coupler for best service, as shown in the diagram above. **An in-line shutoff ball valve is an important safety device because it controls the air supply even if the air hose is ruptured. The shutoff valve should be a ball valve because it can be closed quickly.**

**Note:** If an automatic oiler system is not used, add a few drops of Pneumatic Tool Oil into the airline connection before operation. Add a few more drops after each hour of continual use.

- Attach an air hose to the compressor's air outlet. Connect the air hose to the air

inlet of the tool. Other components, such as a coupler plug and quick coupler, will make operation more efficient, but are not required.

**⚠WARNING! TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:**

**Do not install a female quick coupler on the tool.** Such a coupler contains an air valve that will allow the air tool to retain pressure and operate accidentally after the air supply is disconnected.

**Note:** Air flow, and therefore tool performance, can be hindered by undersized air supply components.

3. The air hose must be long enough to reach the work area with enough extra length to allow free movement while working.
4. Close the in-line safety valve between the compressor and the tool.
5. Turn on the air compressor according to the manufacturer's directions and allow it to build up pressure until it cycles off.
6. Adjust the air compressor's output regulator so that the air output is enough to properly power the tool, but the output will not exceed the tool's maximum air pressure at any time. Adjust the pressure gradually, while checking the air output gauge to set the right pressure range.
7. The air pressure setting must not exceed job site regulations/restrictions.
8. Inspect the air connections for leaks. Repair any leaks found.
9. If the tool will not be used at this time, turn off and detach the air supply and safely discharge any residual air pressure.

**Note:** Residual air pressure should not be present after the tool is disconnected from the air supply. However, it is a good safety measure to attempt to discharge the tool in a safe fashion after disconnecting to ensure that the tool is disconnected and unpowered.



## Loading

**⚠ WARNING** TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION, BEFORE LOADING:



- **Wear ANSI-approved safety goggles with side shields.** Other people in the work area must also wear ANSI-approved impact safety goggles with side shields.
- **Release the trigger.**
- **Detach the air supply.**
- **Attempt to fire the Tool into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any fasteners.**



### Loading Cleat Nails:

1. Press the Latch (44) and pull the Movable Magazine (50) back.
2. Place a full clip of the desired size cleat nails (1-1/2" to 2" long) in the Fixed Magazine (35) **from the side**. The head of the cleat nails should be inserted into the notch on the Fixed Magazine (35). Up to 100 cleat nails may be loaded in the Fixed Magazine.
3. Push the Movable Magazine (50) forward and secure the Movable Magazine in place with the Latch (44).

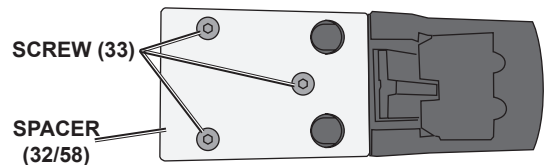
### Loading Staples:

1. Press the Latch (44) and pull the Movable Magazine (50) back.
2. Place a full clip of the desired size staples (1" to 2" long) in the Fixed Magazine (35) **from the top**. Up to 80 staples may be loaded in the Fixed Magazine.
3. Push the Movable Magazine (50) forward and secure the Movable Magazine in place with the Latch (44).

## Changing the Spacer

The Nailer is equipped with a factory *pre-installed* Spacer for 3/4" Boards (32) and an additional *uninstalled* Spacer for 1/2" Boards (58). To change the Spacer:

1. Disconnect the Nailer from its air supply.
2. Empty the Moveable Magazine (50) completely.
3. Attempt to fire the Nailer into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any fasteners.
4. Set the tool on its side to expose the three Screws (33).



5. Remove the three Screws (33). Then, remove the current Spacer (32/58).
6. Align the three mounting holes in the desired Spacer (32/58) with the three threaded mounting holes.
7. Secure the Spacer (32/58) to the tool, using the three Screws (33).

## GENERAL OPERATING INSTRUCTIONS

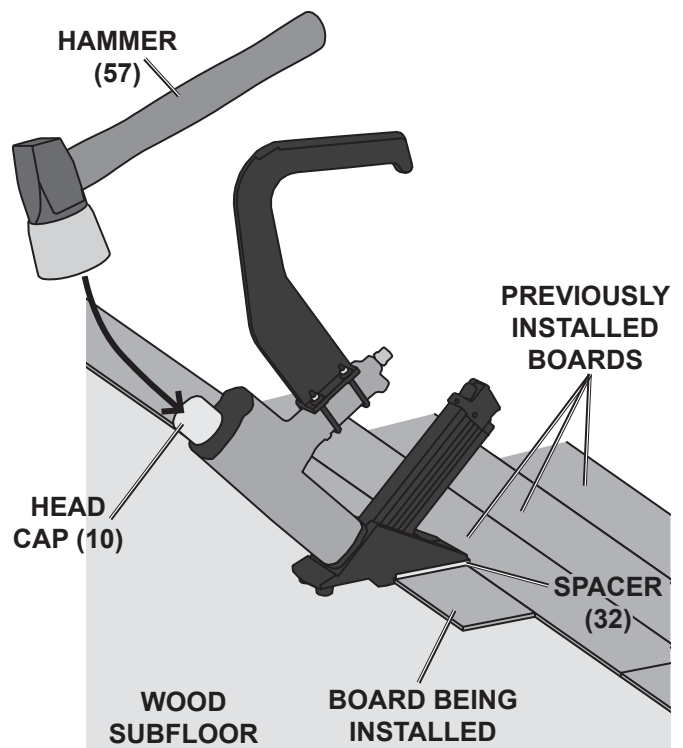
**⚠ WARNING** This tool DOES NOT use a SAFETY



### MECHANISM.

Extreme caution must be used whenever this tool is connected to an air supply. If the tool is dropped, or if the Head Cap (10) is accidentally struck, then the tool will fire a nail or staple, potentially causing **SEVERE PERSONAL INJURY**.

1. Attach the Floor Nailer to the air supply at the Quick Connector. Start your compressor and check the pressure, making sure it is set at the recommended **70-90 PSI. Do not exceed the maximum 90 PSI.**
2. **WARNING!** Keep your feet clear of the Floor Nailer.
3. **NOTE:** Before using on a floor, test the tool on a scrap piece of wood. Adjust the driving depth by providing more or less air pressure. Do not exceed the maximum air pressure (PSI).
4. Hold the Arm (56) securely and press the Spacer (32) to the work surface, making sure the Spacer is over the nail/staple target position.



5. Press down hard so that the Spacer (32) is firmly contacting the work surface. Then, using the Hammer (57), strike the Head Cap (10) firmly to drive the fastener into the work surface. Lift the Floor Nailer off the work surface. Repeat this process until the job is completed.
6. When finished, disconnect the Floor Nailer from the air supply source.
7. **WARNING!** After disconnecting the Floor Nailer from the air compressor, there could still be enough air pressure to fire the Floor Nailer. After the air hose is disconnected, always fire the Floor Nailer into scrap wood repeatedly to make sure all of the compressed air is expended.
8. When finished, make sure to store the Floor Nailer in a clean, dry, safe location out of reach of children and other unauthorized people.

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## USER-MAINTENANCE INSTRUCTIONS

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Procedures not specifically explained in this manual must be performed only by a qualified technician.

### **WARNING**

#### TO PREVENT SERIOUS INJURY

FROM ACCIDENTAL OPERATION,  
BEFORE ANY MAINTENANCE OR  
REPAIRS ARE DONE (including  
clearing jams):



- **Wear ANSI-approved safety goggles with side shields.** Other people in the work area must also wear ANSI-approved impact safety goggles with side shields.
- **Detach the air supply.**
- **Attempt to fire the Tool into a piece of scrap wood to ensure that it is disconnected and is incapable of firing any fasteners.**
- **Empty the magazine and leave it open during service. The Magazine is spring-loaded and may cause parts or a fastener to fly out of the Tool.**

#### TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:

Do not use damaged equipment. If abnormal noise, vibration, or leaking air is detected, have the problem corrected before further use.



**TO PREVENT EXPLOSION:**  
Lubricate only with specified lubricants. Lubricate the air inlet using only pneumatic tool oil. Lubricate the internal mechanism using only white lithium grease. Other lubricants may damage the

mechanism and may be highly flammable, causing an explosion.

**Note:** These procedures are in addition to the regular checks and maintenance explained as part of the regular operation of the air-operated tool.

#### **Daily - Air Supply Maintenance:**

Every day, perform maintenance on the air supply according to the component manufacturers' instructions. The lubricator's oil level needs to be maintained and the moisture filter must be regularly drained. Performing routine maintenance on the air supply will allow the tool to operate more safely and will also reduce wear on the tool.

#### Clearing Jams


1. To remove a jammed cleat nail/staple, disconnect the tool from its air supply, lift the Latch (44) and slide the Moveable Magazine (50) back until it locks in place. Then, lean the Floor Nailer back.
2. Remove all cleat nails/staples from the Moveable Magazine (50). Then press the Latch (44) and slide the Moveable Magazine forward all the way, making sure it locks in place.
3. Attempt to fire the Floor Nailer into a piece of scrap wood to ensure it is disconnected and is incapable of firing any nails/staples.
4. With the Blade Guide (26) facing away from you, remove the four Screws (24). Then remove the Blade Guide to expose the jammed cleat nail/staple.
5. Pull out the jammed fastener and the remainder of the fastener strip that is still in the magazine. Dispose of the remaining fastener strip; it may be bent or damaged in some other way.

6. Replace the Blade Guide (26), and four Screws (24).
7. Reload the tool with cleat nails/staples. Then, reconnect the air supply hose to the tool.
8. Press the Blade Guide (26) against a piece of scrap wood, and test fire the Floor Nailer several times while checking for proper operation. If the

tool is properly firing, you may continue using the tool. If the tool fails to perform properly, immediately discontinue use and have the tool repaired by a qualified service technician.

9. If you are unable to clear the fastener jam using the method prescribed above, the tool should be taken to a qualified service technician for proper servicing.

### Troubleshooting

Problem	Possible Causes	Likely Solutions
Air leaking in Cylinder Cap.	<ol style="list-style-type: none"> <li>1. Loose nose Screw (13).</li> <li>2. Seal (17) is cracked or worn.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten and recheck.</li> <li>2. Replace Seal.</li> </ol>
Lack of power. Slow to cycle. Low power when shooting and returning.	<ol style="list-style-type: none"> <li>1. Tool is too dry.</li> <li>2. Air pressure too low.</li> <li>3. Exhaust blocked.</li> </ol>	<ol style="list-style-type: none"> <li>1. Add about 3 drops of pneumatic tool oil into the Air Plug (55).</li> <li>2. Set air supply between 70 PSI and 90 PSI.</li> <li>3. Clean exhaust channel.</li> </ol>
Shooting no fasteners, or intermittent feeding.	<ol style="list-style-type: none"> <li>1. Damaged Pusher Spring (39).</li> <li>2. Wrong size of fasteners.</li> <li>3. Fixed Magazine (35) or Baffle Plate (23) is dirty.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace Spring.</li> <li>2. Use proper fasteners.</li> <li>3. Clean Fixed Magazine and Baffle Plate.</li> </ol>
Fastener is jammed in tool.	<ol style="list-style-type: none"> <li>1. Driver channel is worn.</li> <li>2. Piston Assy. (9) broken/worn.</li> <li>3. Bent fasteners.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace Baffle Plate (23).</li> <li>2. Replace Piston Assy.</li> <li>3. Remove Bent fasteners. Replace with Cleat Nails 1-1/2 to 2" long or Staples 1" to 2" long.</li> </ol>
Severe air leakage. (Slight air leakage is normal, especially on older tools.)	<ol style="list-style-type: none"> <li>1. Cross-threaded housing components.</li> <li>2. Loose housing.</li> <li>3. Damaged valve or housing.</li> <li>4. Dirty, worn or damaged valve.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check for incorrect alignment and uneven gaps. If cross-threaded, disassemble and replace damaged parts before use.</li> <li>2. Tighten housing assembly. If housing cannot tighten properly, internal parts may be misaligned.</li> <li>3. Replace damaged components.</li> <li>4. Clean or replace valve assembly.</li> </ol>
 <b>Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect air supply before service.</b>		

## PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

## PARTS LIST

Part	Description	Part	Description	Part	Description
1	Cylinder Bushing	24	Screw M5×16	47	Spring Washer 3
2	Plunger	25	Spring Washer 5	48	Leaf Spring
3	O-Ring 19.2×1.8	26	Blade Guide	49	Screw M3×8
4	O-Ring 15.9×1.8	27	Limited Nail Plate	50	Movable Magazine
5	Poppet	28	Shoe	51	Spring Pin 2.5×11
6	O-Ring 42.5×5.4	29	Joint Guider	52	Nut
7	O-Ring 17.5×2.6	30	Bushing	53	Washer
8	O-Ring 57.4×3.5	31	Screw M6×16	54	Clamp Screw
9	Piston Assembly	32	Spacer for 3/4" Boards	55	Air Plug
10	Head Cap	33	Screw M6×12	56	Arm
11	Screw M5×16	34	Spring Pin 3×20	57	Hammer
12	Cylinder Cap	35	Fixed Magazine	58	Spacer for 1/2" Boards
13	Screw M4×20	36	Spring Washer 6	60	Screw M3×6
14	Spring Washer 4	37	Screw M6×35	61	Magnet
15	Poppet Actuator	38	Feeder Shoe	62	Rail
16	O-Ring 54.2×3.5	39	Spring	63	Screw M4×16
17	Seal	40	Baffle Lock	64	Limited Plate
18	Body	41	Screw	65	Nut M4
19	Bumper	42	Magazine Plate	66	Spring Washer 4
20	Nose	43	Spring	67	Bushing
21	Screw M3×18	44	Latch	68	Spring Pin 3×12
22	Spring Pin 3×14	45	Washer 3	69	Washer 4
23	Baffle Plate	46	Screw M3×5	70	Hook

**Record Product's Serial Number Here:** \_\_\_\_\_

**Note:** If product has no serial number, record month and year of purchase instead.

**Note:** Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts.

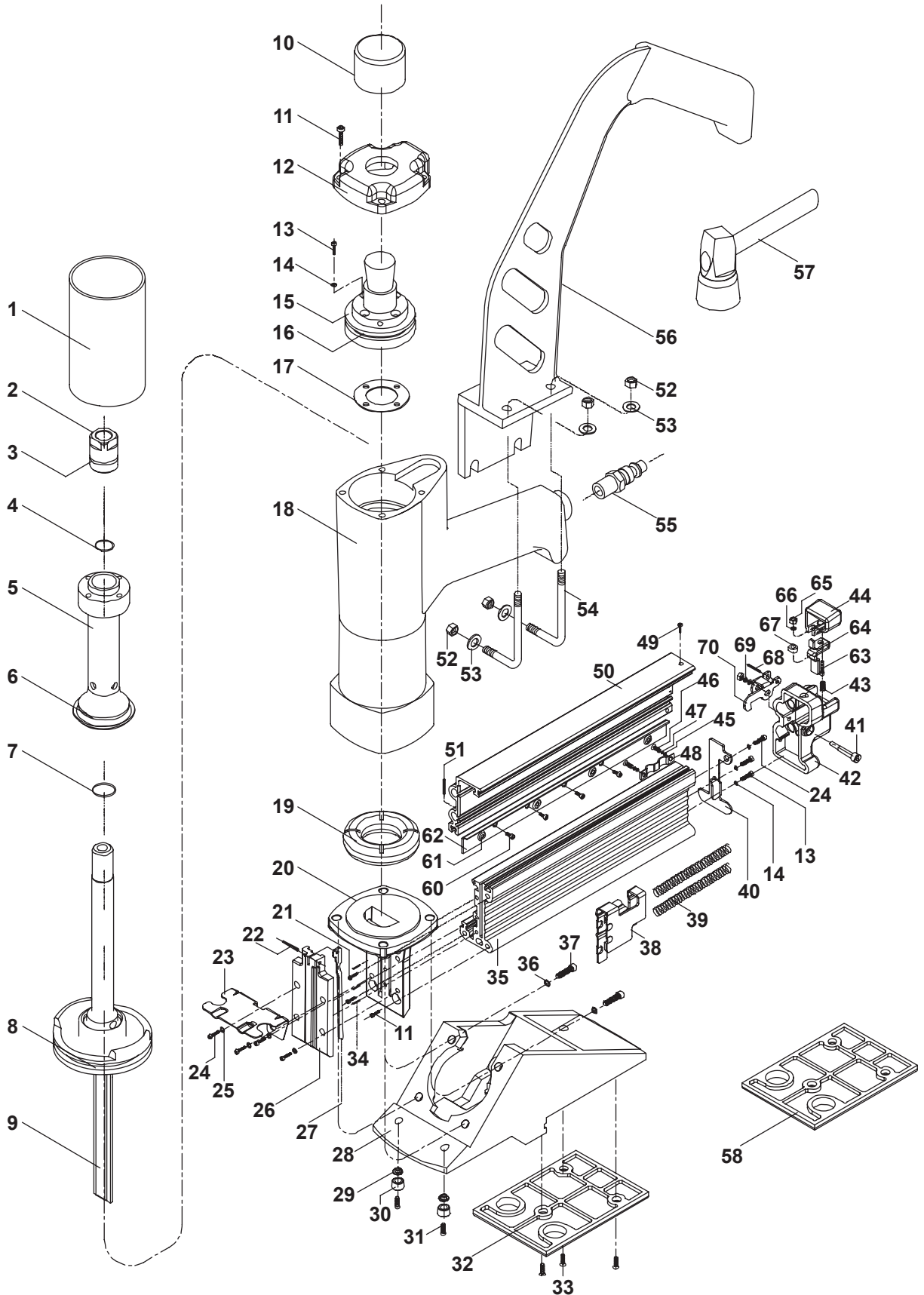
REV 10g

SKU 97586

For technical questions, please call 1-800-444-3353.

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# ASSEMBLY DIAGRAM



## 90 Day Warranty

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

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

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