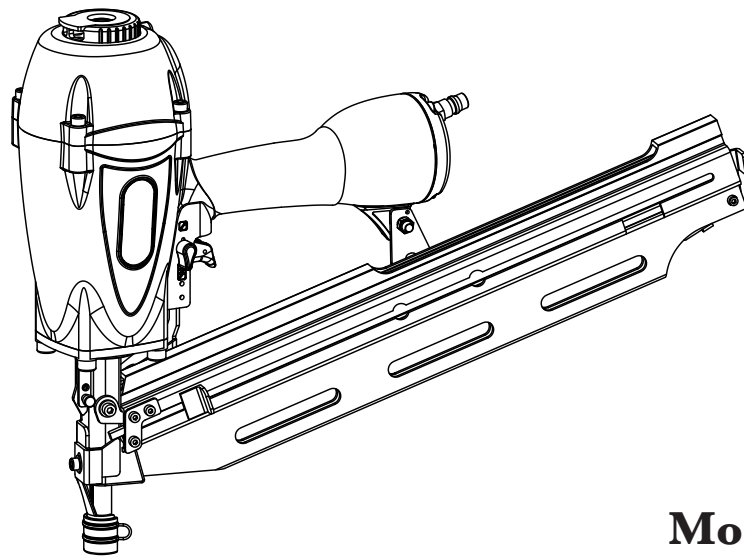




# 3-IN-1 FRAMING NAILER



For replacement parts visit  
**WENPRODUCTS.COM**

**Model # 61731**  
[bit.ly/wenvideo](http://bit.ly/wenvideo)

## IMPORTANT:

Your new tool has been engineered and manufactured to WEN's highest standards for dependability, ease of operation, and operator safety. When properly cared for, this product will supply you years of rugged, trouble-free performance. Pay close attention to the rules for safe operation, warnings, and cautions. If you use your tool properly and for its intended purpose, you will enjoy years of safe, reliable service.



## NEED HELP? CONTACT US!

Have product questions? Need technical support?  
Please feel free to contact us at:

 **800-232-1195** (M-F 8AM-5PM CST)

 **techsupport@wenproducts.com**

 **WENPRODUCTS.COM**

Please refer to [wenproducts.com](http://wenproducts.com) for the most up-to-date instruction manual.

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## PRODUCT SPECIFICATIONS

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Model Number:	61731
Minimum Operating Pressure:	70 PSI
Maximum Operating Pressure:	120 PSI
Air Inlet Size:	1/4"- 18 NPT
Air Consumption:	5.8 CFM @ 90 PSI
Nail Collation Angles:	21°, 28°, 34°
Nail Type:	21° Round Head Framing Nails 28°, 34° Clipped Head Framing Nails
Nail Diameter:	0.113" - 0.131" (2.87 - 3.33 mm)
Nail Length:	21° Nails: 2" - 3-1/2" (50 mm - 90 mm) 28° Nails: 2-3/16" - 3-9/16" (55 mm - 90 mm) 34° Nails: 2-3/16" - 3-9/16" (55 mm - 90 mm)
Collation Type:	21° Nails: Plastic 28°, 34° Nails: Paper or Wire
Shank Type:	Smooth, Ring, or Screw
Magazine Capacity:	21° Nails: 60 pcs 28°, 34° Nails: 90 pcs
Product Dimensions:	15-3/8 x 20 x 5-3/4 in.
Product Net Weight:	9.4 lbs

## SAFETY INTRODUCTION

Thanks for purchasing the WEN 3-in-1 Framing Nailer. We know you are excited to put your tool to work, but first, please take a moment to read through the manual. This manual provides information regarding potential safety concerns, as well as helpful assembly and operating instructions. Safe operation of this tool requires that you read and understand this operator's manual and all labels affixed to the tool.



**SAFETY ALERT SYMBOL:** Indicates danger, warning, or caution. The safety symbols and the explanations with them deserve your careful attention and understanding. Always follow the safety precautions to reduce the risk of fire, electric shock and personal injury. However, please note that these instructions and warnings are not substitutes for proper accident prevention measures.

**NOTE:** The following safety information is not meant to cover all possible conditions and situations that may occur. WEN reserves the right to change this product and specifications at any time without prior notice.

**Keep this manual available to all users during the entire life of the tool and review it frequently to maximize safety for both yourself and others.**

# PNEUMATIC NAILER SAFETY RULES

Safety is a combination of common sense, staying alert and knowing how your item works.

## **SAVE THESE SAFETY INSTRUCTIONS.**



**WARNING:** To avoid mistakes and serious injury, do not use your tool until the following steps have been read and understood. **LEARN** the tool's applications, limitations, and possible hazards.

### **WORK AREA SAFETY**

1. **KEEP YOUR WORK AREA** clean, uncluttered, and well lit. Do not work on floor surfaces that are slippery with sawdust or wax. Keep the floor clear of oil, scrap, and other debris.
2. **DO NOT USE** the tool in the presence of flammable dust, gases or fumes. The tool may produce a spark that could ignite gases and cause a fire.
5. **KEEP BYSTANDERS AT A SAFE DISTANCE** from the work area, especially when the tool is operating. Never allow children or pets near the tool.

### **PERSONAL SAFETY**

1. **DRESS FOR SAFETY.** Do not wear loose clothing, gloves, neckties, or jewelry (rings, watches, etc.) when operating the tool. Always wear non-slip footwear and tie back long hair.
2. **USE PERSONAL PROTECTIVE EQUIPMENT.**
  - Everyone in the work area **MUST** wear safety glasses with side shields that conform to ANSI Z87.1 requirements (approved glasses have "Z87" printed or stamped on them). Safety glasses should be worn during operation, assembly or maintenance of the tool.
  - Wear ear protection such as plugs or muffs. Failure to use adequate ear protectors when the noise level is high can result in lasting damage to hearing loss and other problems, such as tinnitus (ringing, whistling or buzzing in the ear).
  - Wear a face mask or dust mask to fight the debris produced by operation.
  - Wear work gloves to protect your hands.
  - Wear safety non-slip work boots.
  - Wear safety helmet if any work is being carried out above your head.
3. **STAY ALERT** - watch what you're doing and use common sense when using the tool. Do not use while you are tired or under the influence of drugs, alcohol or medication that may affect your ability to properly use the tool. Even a moment of inattention may result in serious personal injury.
4. **DO NOT OVERREACH.** Keep proper footing and balance at all times. Wear oil-resistant rubber-soled footwear.
5. **KEEP ALERT.** Watch what you are doing. Use common sense. Do not operate any tool when you are tired or under the influence of drugs, alcohol or medication that may affect your ability to properly use the tool.
6. **KEEP HANDS AND BODY PARTS CLEAR** of immediate work area. Hold workpiece with clamps when necessary to keep body parts out of potential harm. Be sure the workpiece is properly secured before pressing the nailer against the material. The safety bracket may cause the work material to shift unexpectedly.

# PNEUMATIC NAILER SAFETY RULES

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## **AIR SUPPLY SAFETY**

1. **USE ONLY CLEAN, DRY, AND REGULATED AIR.** Condensation from an air compressor can rust and damage the internal workings of the tool. Regularly drain water and contaminants out from the compressor. An in-line filter is recommended to remove most of these contaminants and prolong the life of the tool the compressor.

2. **DANGER OF EXPLOSION AND/OR SERIOUS PERSONAL INJURY.** Do not use bottled gases to power this tool. Bottled compressed gases, including but not limited to 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.

3. **REGULATE THE AIR PRESSURE.** Use air pressure that is compatible with the operation pressure of the tool (70 to 120 PSI). Do not let the air pressure exceed 120 PSI.

4. **ALL AIR SUPPLY COMPONENTS** (hoses, connectors, filters, regulators, etc.) must have a working pressure rating of at least 180 PSI (150% of the maximum operating pressure).

5. **USE PROPER EXTENSION CORDS.** When using an air compressor outdoors, use only rounded-jacket extensions cords. These are intended for outside use. See manufacturer's manual for the AWG required for the compressor's amperage draw.

6. **MAKE SURE THE AIR SUPPLY HOSE** is free of obstructions or snags. Entangled or snarled hoses can cause a loss of balance. Keep the hose in good condition.

7. **MAKE SURE ALL CONNECTIONS** are nice and tight. Use appropriate hose tape to prevent leaking. Pay attention to air hoses and their connections to prevent tripping over them.

8. **WHEN CONNECTING TO THE AIR SUPPLY,** the tool is at risk of possibly firing fasteners. Be aware of this and do not aim the gun at anything you do not want to shoot a nail into. It is recommended to empty the magazine before connecting to the air supply.

9. **MAKE SURE HOSE** is free of obstructions or snags.

10. **USE COUPLINGS** that relieve all pressure from the tool when it is disconnected from the power supply. Use hose connectors that shut off the air supply from the compressor when the tool is disconnected.

## **FASTENERS SAFETY**

1. **LOAD FASTENERS AFTER** connecting the tool to the air supply. Otherwise, fasteners are at risk of being fired during connection. The tool's driving mechanism may cycle when it is connected to the air supply.

2. **DO NOT ENGAGE** the safety bracket or the trigger when loading nails.

3. **ALWAYS ASSUME THAT THE TOOL CONTAINS FASTENERS.** Do not point the tool at others or yourself at any time, nails may be fired unintentionally and cause serious injury.

4. **DO NOT** use the body of the tool or top cap as a hammer. Discharged fasteners may follow unexpected paths and cause serious bodily injury.

# **PNEUMATIC NAILER SAFETY RULES**

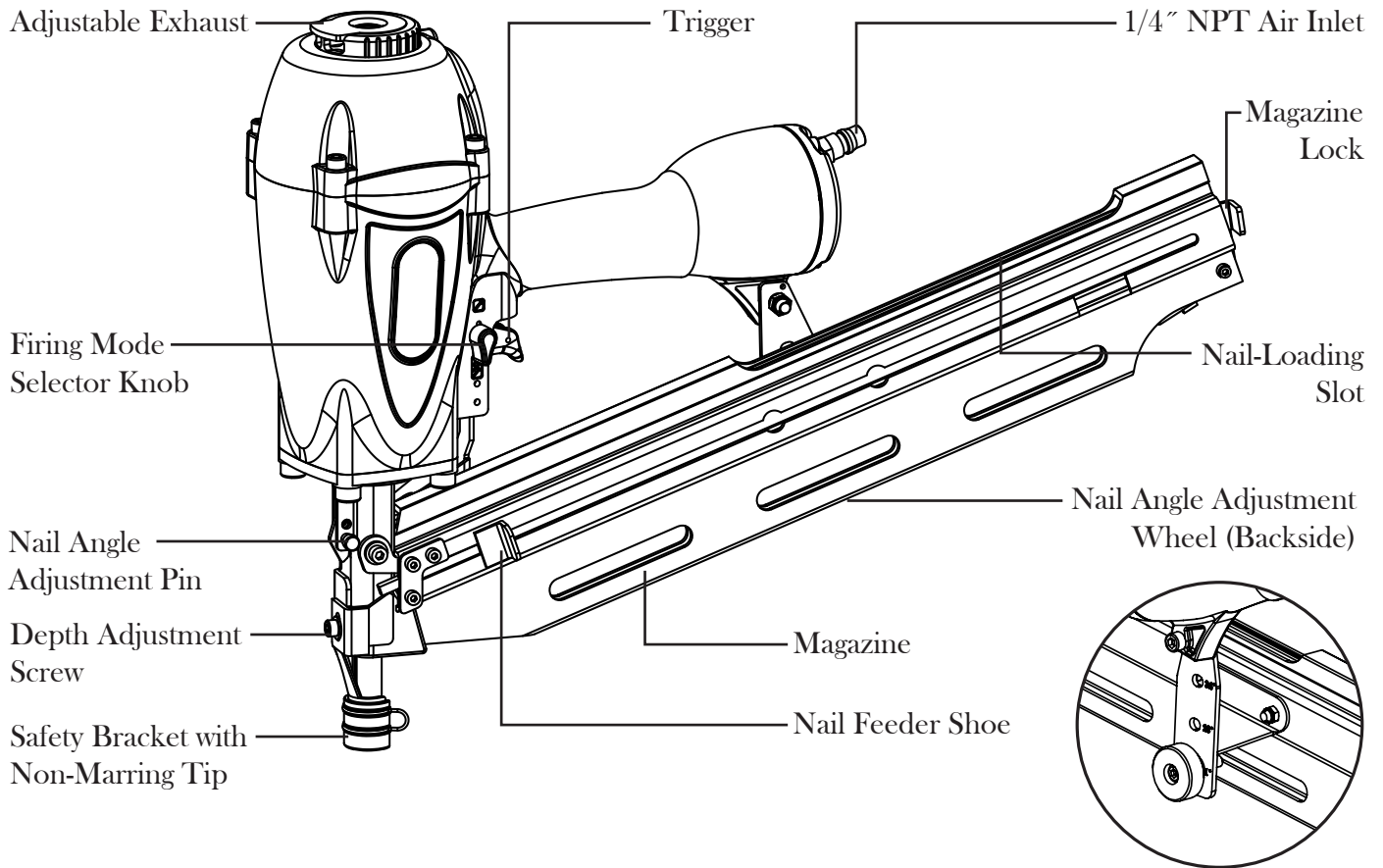
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## **TOOL SAFETY**

1. **DO NOT FORCE THE TOOL** to do a job for which it was not designed.
2. **INSPECT TOOL BEFORE USE.** Do not operate if any portion of the tool, trigger, or safety bracket is damaged, inoperable, disconnected, or altered. Leaking air, damaged parts, or missing parts should be repaired or replaced before use.
3. **GRIP THE TOOL FIRMLY** with both hands to maintain control while still allowing it to recoil away from the work surface as the fastener is driven.
4. **KEEP FACE AND BODY PARTS** away from the back of the tool cap when working in restricted areas. Sudden recoil can result in impact to the body, especially when nailing into hard or dense material.
5. **DO NOT DISCHARGE FASTENERS** into open air, concrete, stone, extremely hard woods, knots or any material too hard for the fastener to penetrate.
6. **DO NOT DRIVE FASTENERS** near the edge of your work material. The workpiece may split, causing the fastener to ricochet, injuring you or a bystander. Be aware that the nail may follow the grain of the wood, causing it to protrude unexpectedly from the side of the work material. Drive the nail perpendicular to the grain to reduce risk of injury.
7. **DO NOT DRIVE FASTENERS** onto the heads of other fasteners. Do not use the tool at too steep of an angle. Personal injury from strong recoil, jammed fasteners, or ricocheted nails may result.
8. **BE AWARE OF MATERIAL THICKNESS** when using the nailer. A protruding nail may cause injury.
9. **WHEN THE TOOL IS BEING UTILIZED AT 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.
10. **REMOVE FINGER FROM TRIGGER** when not driving fasteners. Never carry the tool with your finger on the trigger.
11. **IF THE FASTENERS ARE JAMMED**, disconnect the tool from the air supply first before removing the jammed fasteners.
12. **DISCONNECT** tool from air supply when not in use. Remove fasteners from magazine before leaving the area or passing the tool to another operator. Do not climb ladders, stairs, scaffoldings, etc. without disconnecting the tool. Do not carry a connected tool to another work area. Do not make adjustments, remove magazine, perform maintenance or clear jammed fasteners while connected to the air supply.
13. **DO NOT REMOVE**, tamper with, or otherwise cause the tool, trigger or safety bracket to become inoperable. Do not tape or tie the trigger or safety bracket in the ON position. Do not remove springs from the safety bracket. Make daily inspections for free movement of the trigger and safety bracket. Do not alter or modify the tool in any way.
14. **MAINTAIN TOOLS PROPERLY. ALWAYS** keep tools clean and in good working order. Follow instructions for lubricating, changing accessories and storage.

# KNOW YOUR NAILER

Carefully unpack the tool and all accessories from the packaging. Check your tool against the graph below. If any part is damaged or missing, please contact our customer service at (800) 232-1195, M-F 8-5 CST or email us at [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com).



PACKAGE CONTENT	Qty
Blow Mold Case	1
Nailer	1
Hex Key (M3, M4, M5, M6)	4
Oil Bottle	1
Instruction Manual	1

## PREPARATION AND ADJUSTMENTS



**WARNING:** To prevent injury from accidental operation, make sure the tool disconnected from the air supply before assembly and making adjustments. Always wear Z87.1-approved safety glasses and hearing protection during assembly, operation, and maintenance of the tool.

### LUBRICATING THE TOOL (Fig. 1)

This tool requires lubrication before each use (especially the first use). Proper lubrication is the owner's responsibility. Failure to lubricate the tool properly will dramatically shorten the life of the tool and void the warranty.

**NOTE:** An automatic in-line oiler is a convenient way to provide oil to the tool. If an in-line oiler is installed, manual lubrication through the air inlet is not required.

1. Make sure the tool is disconnected from the air supply.
2. Turn the tool so the air inlet is facing up. Place 5 to 6 drops of resin-free 30W non-detergent air tool lubrication oil into the air inlet (Fig. 1). Excessive lubrication may damage the work surface. Wipe off any excess oil from the inlet.

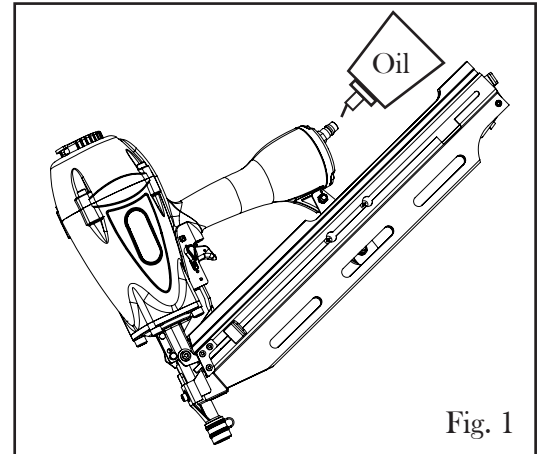


Fig. 1

### PREPARING THE AIR SUPPLY (Fig. 2)



**WARNING:** Use only clean, dry and regulated air. NEVER use oxygen combustible gases, bottled gases or high pressure compressed gas to power this tool. Danger of explosion and serious personal injury may result.

Your nailer is designed to operate on dry compressed air at the regulated pressure between 70 and 120 PSI (4.8 and 8.3 bar). Do not operate when the air pressure is outside of the recommended range. The recommended air supply setup should include the following:

- A pressure regulator - to regulate the air pressure
- An in-line filter - to remove contaminants from the air
- An in-line automatic oiler - to keep the tool lubricated

The oiler should be located as close to the tool as possible, within 15 feet is ideal. If an in-line oiler is not available, place five or six drops of oil into the tool's air inlet and the beginning of each work day as shown in Fig. 1.

All air supply components including hoses, connectors, filters, regulators, etc. must have a working pressure rating of at least 180 PSI (150% above the maximum operating pressure of the tool) . Refer to the diagram below (Fig. 2) for the recommended accessories and connection order.

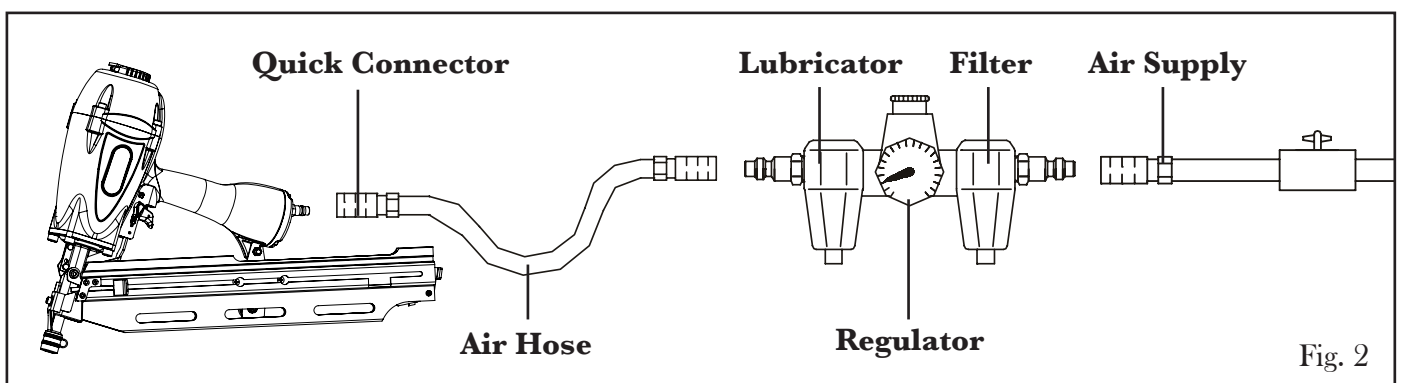


Fig. 2



## PREPARATION AND ADJUSTMENTS

### CONNECTING TOOL TO THE AIR SUPPLY



**WARNING:** Connect the air supply before loading fasteners. Make sure the nailer magazine is empty when connecting to the air supply to prevent misfire. Never aim the tip of the nailer towards yourself or others.

#### To connect your nailer to a properly installed compressed air supply:

1. Turn on the compressor on and set the regulator (Fig. 2 - Regulator) to the proper pressure within 70 to 120 PSI. The pressure can be adjusted later within this range, depending on firing depth, the length of nails and the hardness of the workpiece.
2. Be sure the air hose is depressurized when installing or removing adapters to the air line. Connect the compressed air hose to the inlet of your air compressor. Connect the other end of the air hose to the air inlet of the nailer. The connections must click into place audibly. Use appropriate hose tape to prevent leaking.
3. Check the compressed air hoses and couplings to make sure there are no leaks. Lay the compressed air hoses flat on the ground with sufficient length of spare hose in the work area.

To disconnect the tool from the air hose, pull back the ring on the quick connector to release the connection. Repeat for disconnecting the air compressor from the air hose.

#### NON-MARRING TIP (Fig. 3)

The rubber non-marring tip (Fig. 5 - 1) is attached to your nailer's safety bracket to reduce marring and damage to your workpiece during operation.

The non-marring tip can be removed from the safety bracket to increase the driving accuracy and driving depth. It will also allow better grip on the surface using the no-slip teeth. However, the teeth may leave dents on your workpiece.



**WARNING:** Disconnect tool from air supply before removing or installing the non-marring tips.

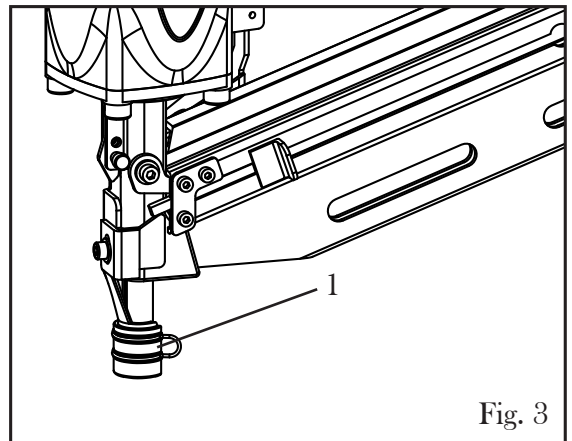


Fig. 3

To remove the non-marring tip, flip open the locking clip and slide the non-mar tip off the safety bracket. To attach the non-marring tip, slide it onto the safety bracket and secure it with the locking clip.

## PREPARATION AND ADJUSTMENTS



**WARNING:** To prevent injury from accidental operation, make sure the tool is disconnected from the air supply before assembly and making adjustments. Always wear Z87.1-approved safety glasses and hearing protection during assembly, operation, and maintenance of the tool.

### ADJUSTING THE ANGLE SETTING (Figs. 4, 5, 6)

Your nailer accepts nails with collation angles of 21, 28, or 34 degrees. Follow the instructions below to change the angle setting on your nailer before loading the nails.

#### Step 1 - Adjust the Angle Adjustment Pin

1. The angle adjustment pin (Part No. 61731-035) is located near the 21, 28, 34 degree marking on the left of the nose. It has two settings, 21 degrees and 28/34 degrees.

2. To adjust the angle pin to your desired angle, first remove the O-ring (Part No. 61731-032) from the angle adjustment pin (If you cannot get it off with your fingers, use a pair of tweezers). Then re-insert the pin through the hole for the desired angle setting (Fig. 4).

3. Re-install the O-ring.

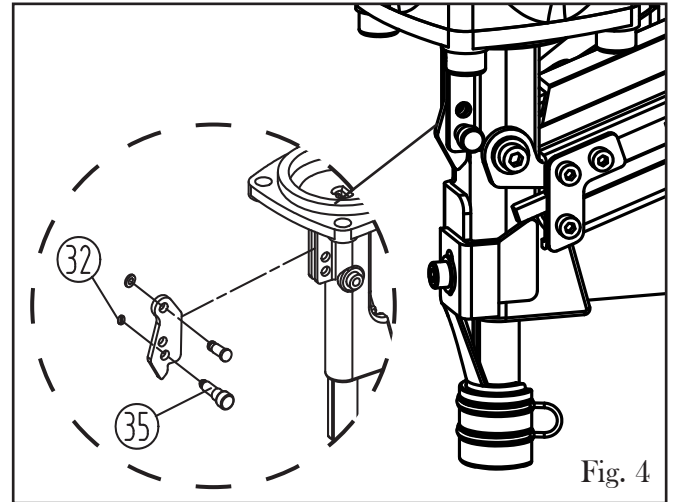


Fig. 4

#### Step 2 - Adjust the Angle Adjustment Screw

1. Slide the feeder shoe (Part No. 61731-081) all the way back along the magazine until it latches (Fig. 5).

2. Using the smallest hex wrench included, loosen and remove the hex screw (Part No. 61731-080) on the movable plate (Part No. 61731-079).

3. Move the plate so the hex screw sits in the hole of the desired angle setting. Reinstall the hex screw and tighten it.

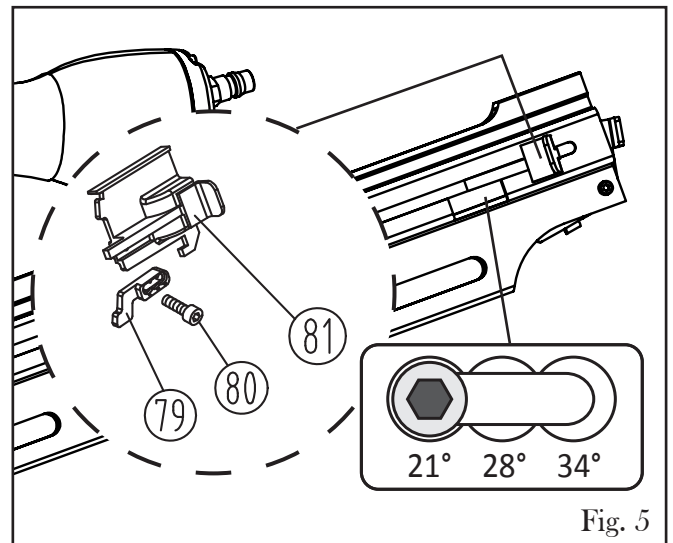


Fig. 5

#### Step 3 - Adjust the Angle Adjustment Wheel

1. Unscrew the angle adjustment wheel from the joint plate by turning it counterclockwise (the locking nut for the wheel screw is welded to the bracket and cannot be removed).

2. Tilt the magazine to desired angle. Then re-install and tighten the angle adjustment wheel.

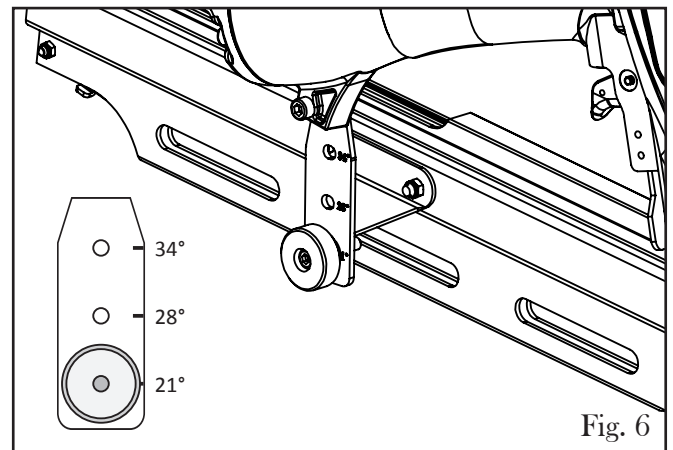


Fig. 6

## PREPARATION AND ADJUSTMENTS

### LOADING THE FASTENERS (Figs. 7, 8)



**WARNING:** Always load the fasteners **AFTER** connecting the air supply. Never aim the tip of the nailer at a person or animal in case of misfire.

1. Slide the feeder shoe (Fig. 7 - 2) all the way to the back of the magazine until it latches into place.
2. Check that the angle setting is properly set for your nails. Place the nails into the magazine slot with the tip pointing downwards. Slide the nails forward against the front of the magazine.
3. Pull the feeder shoe backwards, and press the magazine lock (Fig. 7 - 1) to release the feeder shoe. Guide the feeder shoe forward against the nails to secure them in position (Fig. 8). Check that the nails have been loaded correctly and securely.

**NOTE:** Pay attention to the nail count and reload before the nail count runs low. Your nailer is equipped with an anti-dry-fire mechanism. When the quantity of fasteners in the magazine drops below three, the nailer will not fire.

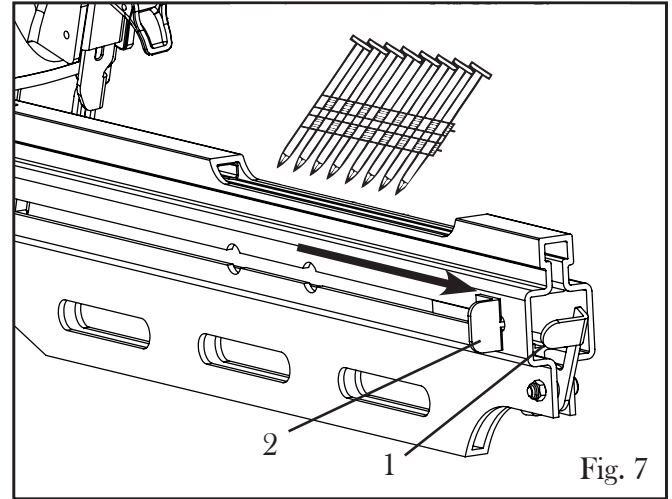


Fig. 7

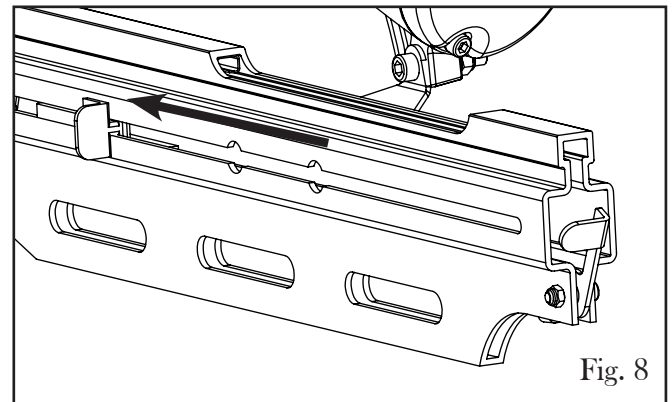


Fig. 8

## PREPARATION AND ADJUSTMENTS



**WARNING:** To prevent injury from accidental operation, make sure the tool disconnected from the air supply before assembly and making adjustments. Always wear Z87.1-approved safety glasses and hearing protection during assembly, operation, and maintenance of the tool.

### ADJUSTING THE FIRING MODE (Fig. 9)

The firing mode selector knob is for selecting the firing mode on your nailer. Fully understand the characteristics and activation of each firing mode as described below.

#### Single Firing Mode

Turn the knob up to select the single firing mode.

To fire a nail in this firing mode, first press down the safety bracket and then pull the trigger. One nail will be driven each time. Disengage both trigger and safety bracket and repeat the activation sequence above to drive the next nail.

The single firing mode is the preferred method for safer operation and more detailed nailing jobs.

#### Multiple Firing Mode

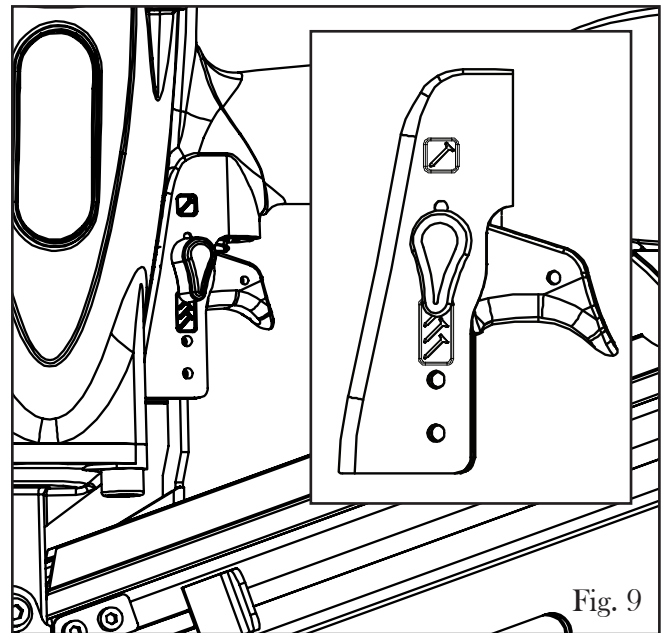
Turn the knob down to select the multiple firing mode.

This firing mode allows you to keep the trigger engaged while bumping the safety bracket to fire one nail after the other. Double firing may occur if the safety bracket is engaged between shooting nails. So make sure to release the safety bracket after driving each nail to prevent double firing.

This firing mode is best for larger jobs where speed is more important than precision. However, there is also a higher chance of misfiring when this mode is being used.



**WARNING:** Never put your finger on the trigger unless you are prepared for operation. Unintended nails can be discharged when the trigger is engaged and the safety bracket is pressed by accident.



## PREPARATION AND ADJUSTMENTS

### ADJUSTING THE DRIVING DEPTH (Fig. 7)

The depth adjustment mechanism controls the depth that the fastener will be driven. The driving depth is set to the maximum from the factory. To adjust the driving depth:

1. Make sure to disconnect the air supply and remove fasteners from magazine before making adjustments.
2. Loosen the depth adjustment screw (Fig. 8 - 1) using the hex key.
3. Slide the safety bracket (Fig. 8 - 2) to adjust the firing depth. Sliding the bracket upward increases the driving depth and sliding the bracket downward decreases the driving depth.
4. Retighten the depth lock screw.
5. Test fire on a scrap piece of wood to check the driving depth and adjust it as necessary.

**NOTE:** Adjust the air pressure regulator along with the depth setting so that the desired driving depth can be achieved with the lowest possible air pressure. This will save energy, reduce noise level and reduce the wear on the tool.

### ADJUSTING THE AIR OUTLET (Fig. 9)

Air will be released from the air outlet during operation. Rotate the adjustable air outlet cap (Fig. 9) on the top of the nailer to direct the released air to your preferred direction, away from yourself and others.

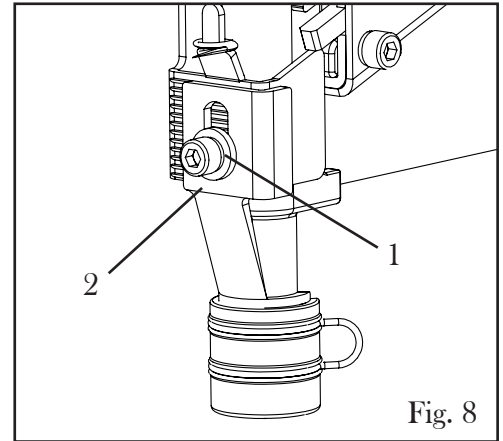


Fig. 8

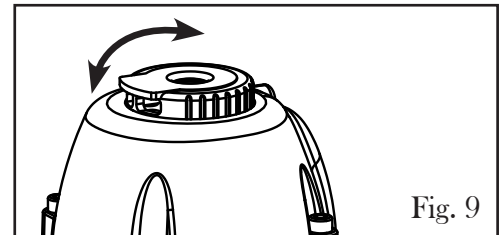


Fig. 9

## OPERATION



**WARNING:** Before each use, check the nailer, compressed air connections and air lines. If any parts are missing or damaged, do not operate this tool until the parts are repaired and replaced. Failure to do so could possibly result in a serious personal injury.



**WARNING:** User must wear proper eye and hearing protection when operating this tool. Stay alert and keep proper balance at all times. Keep your fingers **AWAY** from the trigger when not operating the nailer to reduce the risk of unintended nail discharge.



**WARNING:** Never attempt to drive a fastener into materials that are too hard, or at a steep angle, or near the edge of the workpiece. The fastener can ricochet and cause serious personal injury.

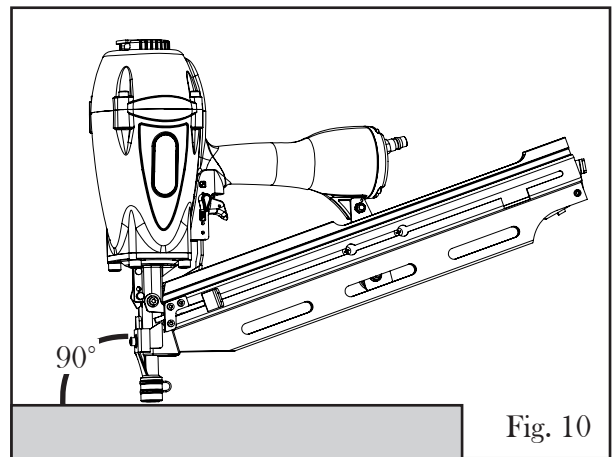
### SHOOTING NAILS (Fig. 10)

1. Check that the air supply is correctly connected to the tool at the suitable pressure, and the fasteners have been properly loaded into the magazine.

2. Hold the nailer upright on the workpiece and position the safety bracket where the fastener will be driven (Fig. 10).

#### 3a. For Single Firing Mode:

Press down the safety bracket and pull the trigger to drive a fastener. The nailer should be allowed to jump off the surface at firing. Disengage the trigger and safety bracket, and reposition the nailer between shooting multiple nails.



#### 3b. For Multiple Firing Mode:

Pull the trigger and press down the safety bracket to drive a fastener. Release the safety bracket while holding down on the trigger, reposition the nailer and engage the safety bracket again to drive the next nail. Double firing may occur if the safety bracket is engaged between shooting nails. So it is recommended to release the safety bracket after driving each nail.

**NOTE:** Unit may spark when nails are fired, this is normal.



**WARNING:** Do not fire another nail over the position of the existing nail, as the nail may bounce back and cause serious injury.

4. Regularly check the nail gauge window to see the load of fasteners in the magazine. Make sure to refill the magazine before the fasteners run low. The anti-dry-fire mechanism engages at approximately 3 nails left in magazine to protect the nailer from blank firing.

5. After operation, turn off the air compressor and depressurize the compressor according to the instructions included with your compressor. Disconnect the air hose from the nailer. Remove the remaining nails from the magazine.

# OPERATION

## CLEARING JAMMED FASTENERS (Fig. 11 & 12)



**WARNING:** Disconnect air line from the tool and remove all fasteners before removing jammed nails to avoid personal injury. Keep the tool pointed away from yourself and others.

1. Disconnect the nailer from the air supply.
2. Pull the feeder shoe all the way to the back of the magazine until it latches. Slide fasteners to the back and remove all remaining fasteners from the magazine.
3. Use a pair of needle nose pliers or a flat head screwdriver to remove the bent fastener from the back opening of the nosepiece (Fig. 11 - 1). If the fastener cannot be removed directly, refer to the next step to remove the magazine.

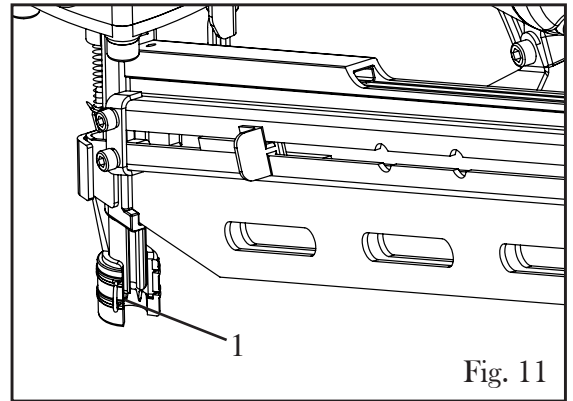


Fig. 11

4. Remove the angle adjustment wheel and five hex screws (Fig. 12 - 1 & Fig. 12 - 2). Slide the magazine off the nosepiece. Keep note of the orientation of each part so that you can reassemble the magazine. Remove the bent fastener. Reattach the magazine and re-install the screws.

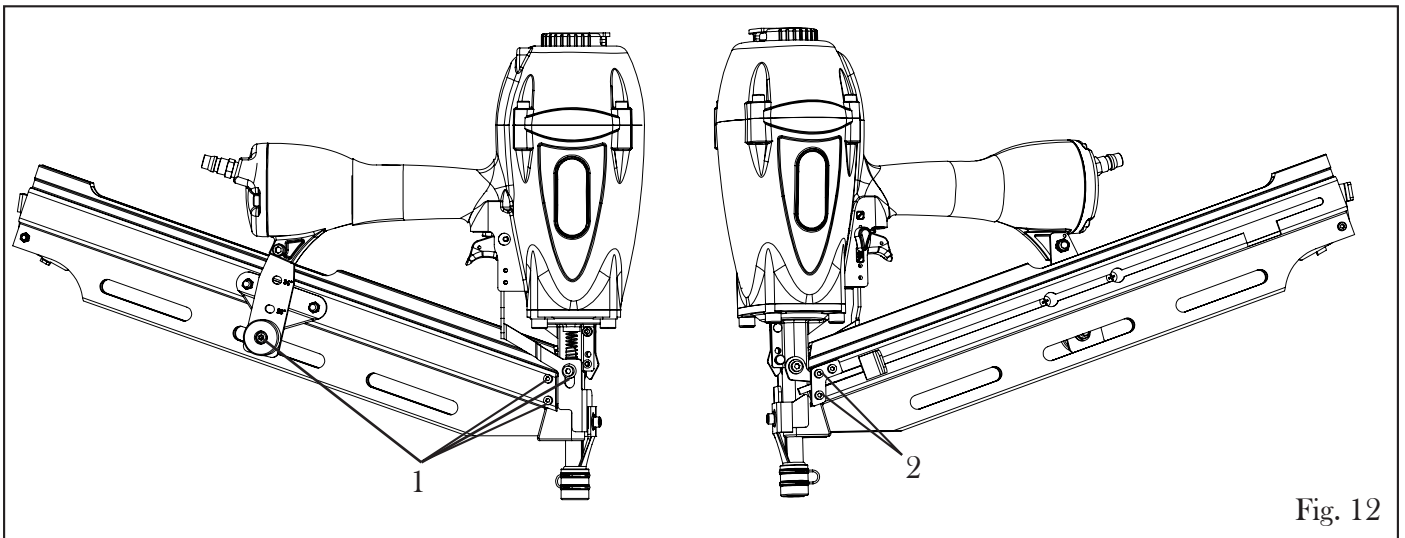


Fig. 12

5. Connect the nailer to the air supply. Load the magazine and test fire a nail into a scrap piece of wood to confirm the nailer is working properly again.



**WARNING:** If nails continue to jam, stop using the nailer. Contact our customer service department at 800-232-1195 (M-F 8-5 CST).



## MAINTENANCE

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**WARNING:** Disconnect tool from air supply and empty fasteners from the magazine before performing any cleaning or maintenance.

### LUBRICATION

Routine lubrication of the tool is required for best performance. An automatic in-line oiler is recommended. If tool is used without an in-line oiler, place 5 to 6 drops of pneumatic tool oil into the air inlet of the tool at the beginning of each workday or after about 1 hour of continuous use. Oil added through the air inlet will lubricate the internal moving parts.

### CLEANING

Keep the tool clean for better and safer performance. Wipe the tool clean with a damp towel and some soft soap. Blow the tool clean using compressed air. Only use non-flammable cleaning solutions to wipe exterior of the tool if necessary. **CAUTION:** Do not soak tool with cleaning solutions. Such solutions can damage internal parts.

### INSPECTION

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

2. Inspect the tool and make sure all screws are tight. Loose screws can cause personal injury or damage the tool.

3. All compressed air contains moisture and other contaminants that are detrimental to internal components of the tool. Dirt and water in the air supply are major causes of pneumatic tool wear. Regularly drain water and contaminations out from the compressor. An air line filter is recommended to remove most of these contaminants and prolong the life of the tool. Follow the compressor instructions to check the filter of the air compressor.

### STORAGE

Place the tool and accessories inside the blow mold case to protect it from dust and moisture. Store the unit and accessories in a dark, dry, frost-free and well ventilated place, out of the reach of children. The ideal storage temperature is between 50 to 86°F (10 and 30°C).

### PRODUCT DISPOSAL

Used pneumatic tools contain recyclable materials and should not be disposed with household waste. Please take this product to your local recycling facility for responsible disposal and to minimize its environmental impact.



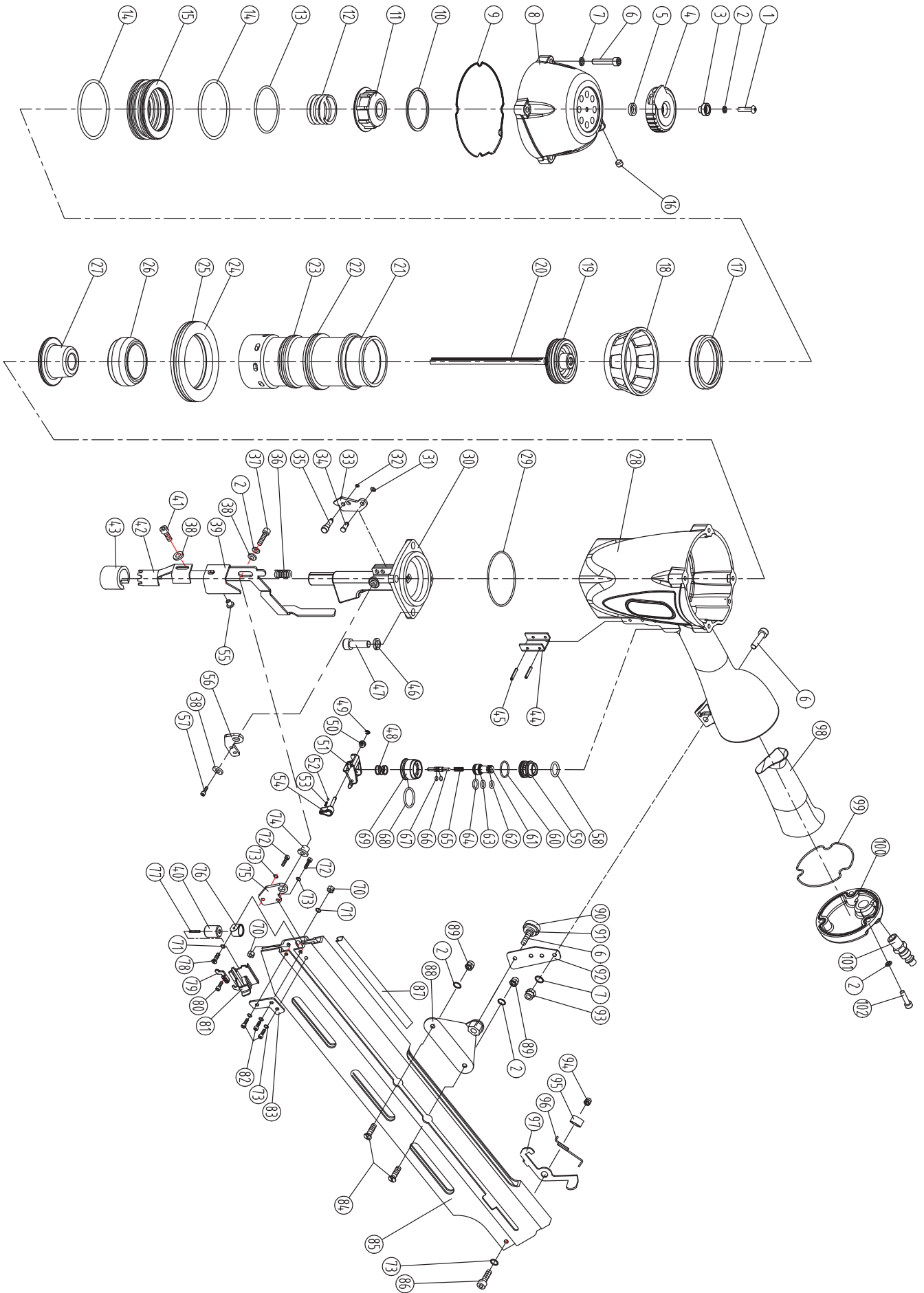
## TROUBLESHOOTING GUIDE



**WARNING:** Stop using the tool immediately if any of the following problems occur or risk serious personal injury. Repairs and replacements should only be performed by authorized personnel. If you have any questions, please contact our customer service at (800) 232-1195, M-F 8-5 CST.

<b>Problem</b>	<b>Common Causes</b>	<b>Solution</b>
Air leaking at trigger area	<ol style="list-style-type: none"> <li>1. O-ring in trigger valve is damaged.</li> <li>2. Trigger valve head is damaged.</li> <li>3. Trigger valve stem, seal or O-ring is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check and replace O-ring.</li> <li>2. Check and replace trigger valve head.</li> <li>3. Check and replace trigger valve stem, seal or O-ring.</li> </ol>
Air leaking between body and drive guide	Damaged piston O-ring or bumper.	Check and replace O-ring or bumper.
Air leaking between body and cylinder cap	<ol style="list-style-type: none"> <li>1. Loose screw.</li> <li>2. Damaged seal.</li> </ol>	<ol style="list-style-type: none"> <li>1. Tighten screws.</li> <li>2. Check and replace seal.</li> </ol>
Trigger is pressed but no fastener is driven.	<ol style="list-style-type: none"> <li>1. Not properly connected to air supply.</li> <li>2. Air hose is leaking.</li> <li>3. Fasteners not installed correctly</li> <li>4. Operating pressure too low.</li> </ol>	<ol style="list-style-type: none"> <li>1. Check air supply connections.</li> <li>2. Check air hose for leaks.</li> <li>3. Load fasteners into the magazine correctly.</li> <li>4. Increase operating pressure.</li> </ol>
Fasteners are driven too deep	<ol style="list-style-type: none"> <li>1. Worn bumper.</li> <li>2. Air pressure is too high.</li> <li>3. The depth setting is too shallow.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace bumper.</li> <li>2. Adjust the air pressure.</li> <li>3. Adjust the depth wheel.</li> </ol>
Runs slowly or has power loss	<ol style="list-style-type: none"> <li>1. Insufficient oil.</li> <li>2. Insufficient air supply.</li> <li>3. Broken spring in cylinder cap.</li> <li>4. Exhaust port in cylinder cap is blocked.</li> </ol>	<ol style="list-style-type: none"> <li>1. Lubricate as instructed.</li> <li>2. Check air supply.</li> <li>3. Replace spring.</li> <li>4. Replace damaged internal parts.</li> </ol>
Tool skips a fastener	<ol style="list-style-type: none"> <li>1. Worn bumper or damaged spring.</li> <li>2. Dirt in drive guide.</li> <li>3. Inadequate airflow to tool.</li> <li>4. Worn or dry O-ring on piston.</li> <li>5. Damaged O-ring on trigger valve.</li> <li>6. Cylinder cap seal leaking.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace bumper or pusher spring.</li> <li>2. Clean drive channel of front plate.</li> <li>3. Check hose and compressor fittings.</li> <li>4. Replace O-ring or lubricate.</li> <li>5. Replace O-ring.</li> <li>6. Replace seal.</li> </ol>
Fasteners repeatedly jam	<ol style="list-style-type: none"> <li>1. Joint guide is worn.</li> <li>2. Fasteners are wrong size or damaged.</li> <li>3. Magazine or front plate screws are loose.</li> <li>4. Piston assembly is damaged.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace joint guide.</li> <li>2. Use the recommended and undamaged fasteners.</li> <li>3. Tighten screws.</li> <li>4. Replace piston assembly.</li> </ol>
Tool will not drive down tight	<ol style="list-style-type: none"> <li>1. Piston assembly is damaged.</li> <li>2. Insufficient air pressure.</li> <li>3. Slow cycling and loss of power.</li> </ol>	<ol style="list-style-type: none"> <li>1. Replace piston assembly.</li> <li>2. Adjust to adequate air pressure.</li> <li>3. Check cylinder cap spring for broken coils or reduced length. Check if exhaust port of cylinder cap is restricted.</li> </ol>

# EXPLODED VIEW & PARTS LIST



## EXPLODED VIEW & PARTS LIST

No.	Part No.	Description
1	61731-001	Screw
2	61731-002	Washer
3	61731-003	Bushing
4	61731-004	Exhaust Cap
5	61731-005	Washer
6	61731-006	Screw
7	61731-007	Washer
8	61731-008	Cylinder Cap
9	61731-009	Cylinder Cap Seal
10	61731-010	Washer
11	61731-011	Valve Seat
12	61731-012	Valve Spring
13	61731-013	O-Ring
14	61731-014	O-Ring
15	61731-015	Valve
16	61731-016	Screw
17	61731-017	Cylinder Seal
18	61731-018	Collar
19	61731-019	O-Ring
20	61731-020	Piston Assembly
21	61731-021	Cylinder
22	61731-022	O-Ring
23	61731-023	O-Ring
24	61731-024	Restrictive Seal
25	61731-025	O-Ring
26	61731-026	Bumper A
27	61731-027	Bumper B
28	61731-028	Body
29	61731-029	O-Ring
30	61731-030	Nose
31	61731-031	Washer
32	61731-032	O-Ring
33	61731-033	Bar Guide
34	61731-034	Pin
35	61731-035	Angle Adjustment Pin
36	61731-036	Spring
37	61731-037	Screw
38	61731-038	Washer
39	61731-039	Safety Bracket A
40	61731-040	Coil Spring Base
41	61731-041	Screw
42	61731-042	Safety Bracket B
43	61731-043	No Mar Tip
43-1	61731-043-1	No Mar Tip Clasp
44	61731-044	Safety Guide
45	61731-045	Pin
46	61731-046	Washer
47	61731-047	Screw
48	61731-048	Spring
49	61731-049	Split Washer
50	61731-050	Rotating Knob Bushing
51	61731-051	Trigger

No.	Part No.	Description
52	61731-052	Ball
53	61731-053	Spring
54	61731-054	Firing Mode Selector Knob
55	61731-055	Bushing
56	61731-056	Turn Plate A
57	61731-057	Screw
58	61731-058	O-Ring
59	61731-059	Valve Seat
60	61731-060	O-Ring
61	61731-061	Trigger Valve Seat
62	61731-062	O-Ring
63	61731-063	O-Ring
64	61731-064	O-Ring
65	61731-065	Spring
66	61731-066	Trigger Valve Stem
67	61731-067	O-Ring
68	61731-068	O-Ring
69	61731-069	Trigger Valve Guide
70	61731-070	Nut
71	61731-071	Washer
72	61731-072	Screw
73	61731-073	Washer
74	61731-074	Bushing
75	61731-075	Turn Plate B
76	61731-076	Coil Spring
77	61731-077	Pin
78	61731-078	Screw
79	61731-079	Movable Feeder Shoe
80	61731-080	Screw
81	61731-081	Feeder Shoe
82	61731-082	Screw
83	61731-083	Joint Block
84	61731-084	Screw
85	61731-085	Magazine
86	61731-086	Screw
87	61731-087	Rail
88	61731-088	Support
89	61731-089	Nut
90	61731-090	Adjuster
91	61731-091	Joint Guide
92	61731-092	Joint Plate
93	61731-093	Nut
94	61731-094	Nut
95	61731-095	Bushing
96	61731-096	Torsion Spring
97	61731-097	Lock
98	61731-098	Soft Grip Sleeve
99	61731-099	O-Ring
100	61731-100	End Cap
101	61731-101	Air Plug
102	61731-102	Screw

## WARRANTY STATEMENT

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WEN Products is committed to build tools that are dependable for years. Our warranties are consistent with this commitment and our dedication to quality.

### LIMITED WARRANTY OF WEN CONSUMER POWER TOOLS PRODUCTS FOR HOME USE

GREAT LAKES TECHNOLOGIES, LLC (“Seller”) warrants to the original purchaser only, that all WEN consumer power tools will be free from defects in material or workmanship for a period of two (2) years from date of purchase. Ninety days for all WEN products, if the tool is used for professional use.

Seller’s sole obligation and your exclusive remedy under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or misrepaired by persons other than Seller or Authorized Service Center. To make a claim under this Limited Warranty, you must make sure to keep a copy of your proof of purchase that clearly defines the Date of Purchase (month and year) and the Place of Purchase. Place of purchase must be a direct vendor of Great Lakes Technologies, LLC. Third party vendors such as garage sales, pawn shops, resale shops, or any other secondhand merchant void the warranty included with this product. Contact [techsupport@wenproducts.com](mailto:techsupport@wenproducts.com) or 1-800-232-1195 to make arrangements for repairs and transportation.

When returning a product for warranty service, the shipping charges must be prepaid by the purchaser. The product must be shipped in its original container (or an equivalent), properly packed to withstand the hazards of shipment. The product must be fully insured with a copy of the warranty card and/or the proof of purchase enclosed. There must also be a description of the problem in order to help our repairs department diagnose and fix the issue. Repairs will be made and the product will be returned and shipped back to the purchaser at no charge.

This limited warranty does not apply to accessory items that wear out from regular usage over time including belts, brushes, blades, etc.

Any implied warranties shall be limited in duration to two (2) years from date of purchase. Some states in the U.S., Some Canadian provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

In no event shall seller be liable for any incidental or consequential damages (including but not limited to liability for loss of profits) arising from the sale or use of this product. Some states in the U.S. And some Canadian provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This limited warranty gives you specific legal rights, and you may also have other rights which vary from state to state in the U.S., province to province in Canada and from country to country.

This limited warranty applies only to portable electric tools, bench power tools, outdoor power equipment and pneumatic tools sold within the united states of American, Canada and the commonwealth of Puerto Rico. For warranty coverage within other countries, contact the WEN customer support line.

