

# OPERATING INSTRUCTIONS FOR COIL NAILER



## DANGER

Indicates an imminently hazardous situation which, if not avoided, could result in death or serious injury.



## WARNING

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

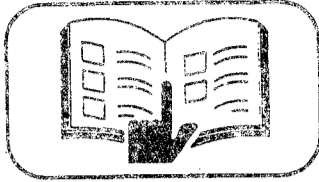


## NOTE

Emphasizes useful information.

PLEASE READ THIS MANUAL CAREFULLY BEFORE USING TOOL.

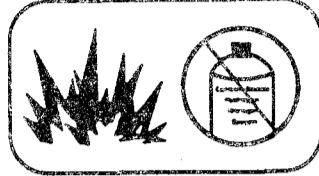
# SAFETY INSTRUCTIONS



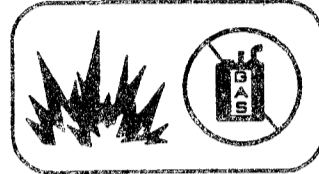
1. Read this manual and understand all safety instructions before operation the tool.



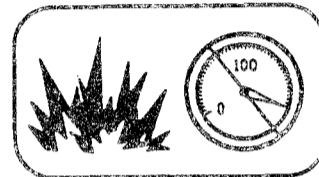
## DANGER



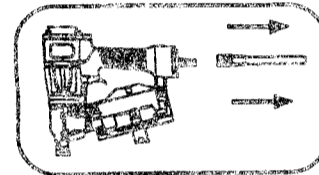
2. Never allow to use type of flammable gases oxygen as a power source for the tool.  
Use filtered , lubricated , regulated compressed air only.



3. Never use gasoline ,carbon dioxide or any bottled gas as a power source for this tool ,the tool will explode and cause serious injury.



4. Do not exceed maximum recommended air pressure 110 psi(7.6bar).  
Never connect the tool to pressure which potentially exceeds 200psi or 13.7bar.



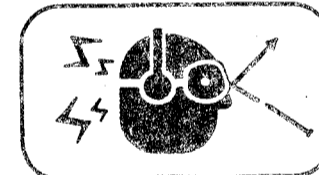
5. Disconnect the tool from air supply before cleaning jams , serving , adjusting , and during non-operation.



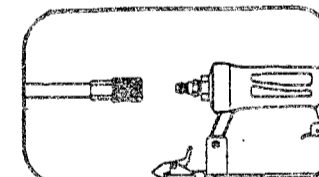
## WARNING



6. Do not keep the trigger pulled on contact safety mechanism when carrying or holding the tool. Never carry the tool by the hose or pull the hose to move the tool.



7. At the workplace , always wear the protective equipment such as Z87.1 safety glasses , ear and head protection.



8. Do not use a check valve or any other fitting which allows air to remain in the tool.



9. Never point any operational fastener driving tool at yourself or at any other person.

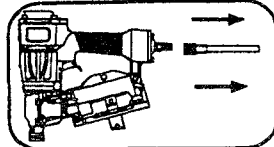
## LUBRICATION AND MAINTENANCE



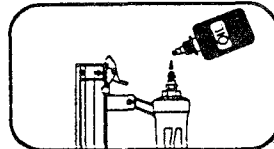
### NOTE



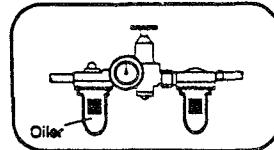
- Your tool requires lubrication before you use it for the first time.



- Disconnect the air supply from the tool before lubricating.



- Turn the tool so the inlet is facing up and put one drop of high speed spindle oil , UNOCL RX22, 3-IN-1 oil into air inlet. Never use detergent oil or additives. Operate the tool briefly after adding oil.



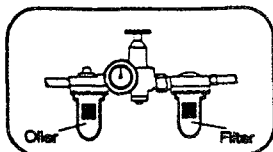
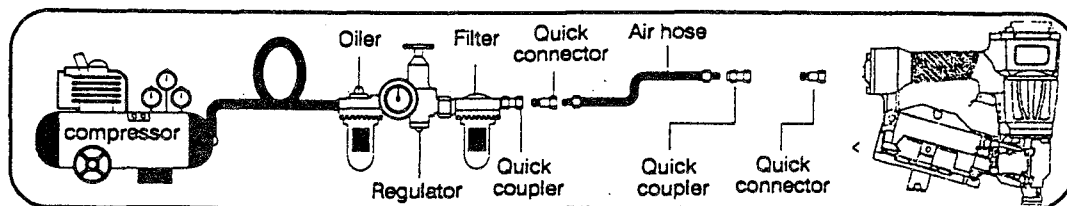
- Wipe off excessive oil at the exhaust. Excessive oil will damage O-rings of tool. If in-line oiler is used, manual lubrication through the air inlet is not required on a daily basis.

## COMPRESSED AIR SYSTEM AND CONNECTIONS

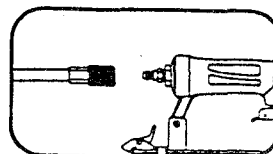


### NOTE

THE FOLLOWING ILLUSTRATION SHOWS THE CORRECT MODE OF CONNECTION TO THE COMPRESSED AIR SYSTEM WHICH WILL INCREASE THE EFFICIENCY AND USEFUL LIFE OF THE TOOL.



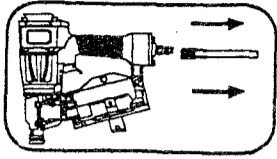
- Many air tool users find it convenient to use oiler to help provide oil circulation through tool and increase the efficiency and useful life of the tool. Check oil level in the oiler daily.
- Many air tool user find it convenient to use a filter to remove liquid and impurities which can rust or wear internal parts of the tool. A filter also increase the efficiency and useful of the tool. The filter must be checked on a daily basis and if necessary drained.



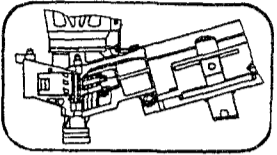
- For better performance, install a 3/8 " quick connector (1/4" NPT threads) with an inside diameter of .315" on your tool and a 3/8" quick coupler on the air hose.

# CONTACT SAFETY MECHANISM

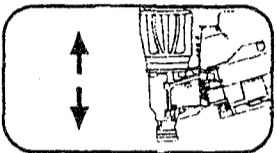
• CHECKING OPERATION OF CONTACT SAFETY MECHANISM:



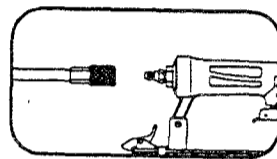
- Disconnect the air supply from the tool.



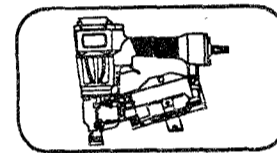
- Empty the magazine.



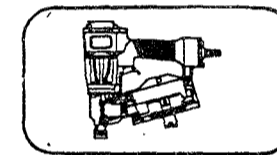
- Make sure the trigger and contact safety mechanism move up and down without any sticking.



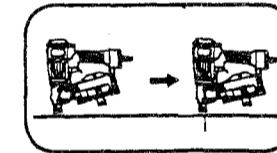
- Connect air supply to the tool.



- Depress the contact safety mechanism against the workpiece without pulling the trigger. The tool must not cycle. Never use the tool if a cycle occurs.

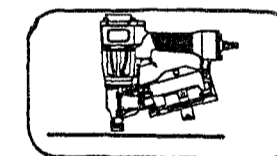


- Hold the tool clear of the workplace. The contact safety mechanism should return to its original down position. Pull the trigger. The tool must not cycle. Never use the tool if a cycle occurs.

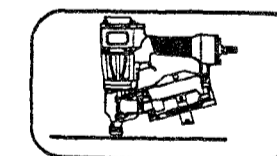


- Depress the contact safety mechanism again the workpiece and pull the trigger, the tool must cycle.

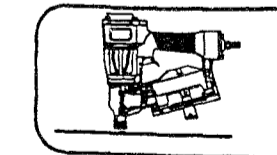
• OPERATING A CONTACT SAFETY TOOL:



- The operator requires finger to be off the trigger and the nose of the tool to be placed on the workpiece.



- The contact safety mechanism is then depressed against the workpiece and the trigger is pulled to driver a fastener.

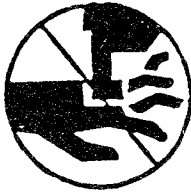


- The trigger is released after each fastener is driven.

- Move the tool to the next location and the above procedure repeated.

# FILLING THE MAGAZINE

## ⚠ WARNING

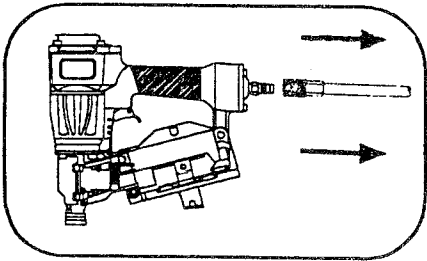


DO NOT PLACE YOUR HAND OR ANY PART OF YOUR BODY IN THE FASTENER DISCHARGE AREA OF THE TOOL WHEN CONNECTING OR DISCONNECTING AIR SUPPLY.

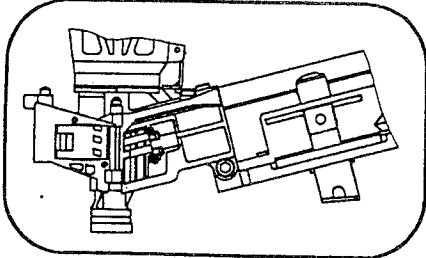
## ⚠ WARNING



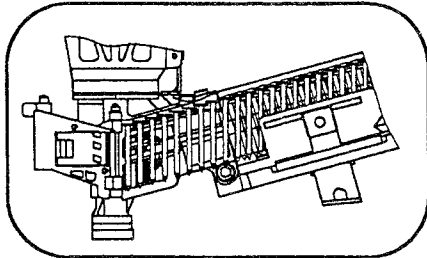
NEVER POINT ANY OPERATIONAL FASTENER DRIVING TOOL AT YOURSELF OR AT ANY OTHER PERSON.



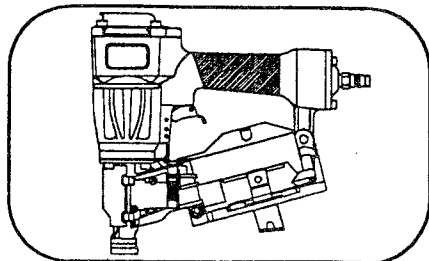
- Disconnect air hose.



- Open the magazine cover by pressing .  
Guide lock.

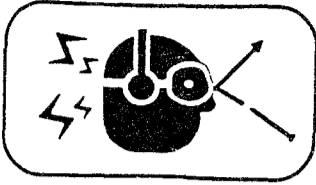


- Adjust the plate to the right height to match nail length.



- Close the magazine cover until the guide lock is locked.

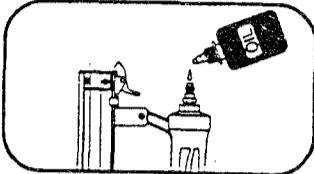
## OPERATING THE TOOL



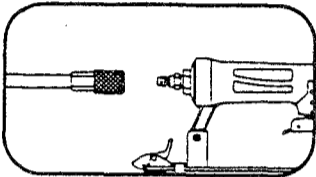
PROTECT YOUR EYES AND EARS. WEAR Z87.1 SAFETY GLASSES WITH SIDE SHIELDS. WEAR HEARING PROTECTION. EMPLOYERS AND USERS ARE RESPONSIBLE FOR ENSURING THE USER OR ANYONE NEAR THE TOOL WEAR THIS SAFETY PROTECTION.

### NOTE

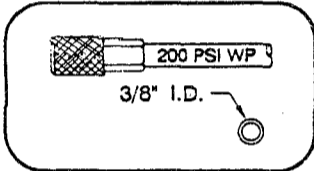
CHECK AND REPLACE ANY DAMAGED OR WORN COMPONENTS ON THE TOOL. THE SAFETY WARNING LABELS ON THE TOOLS MUST ALSO BE REPLACED IF THEY ARE NOT LEGIBLE.



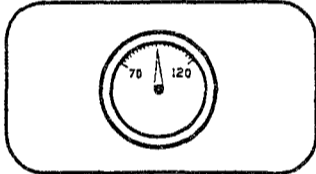
1. Add a few drops of UNOCAL RX22 or 3-in-1 oil into the air inlet.



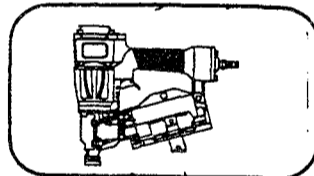
2. Install a quick connect fitting to the tool.



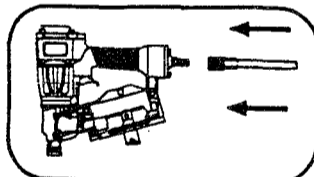
3. Connect the tool to an air compressor using a 3/8" I.D. hose. Make sure the magazine must be empty of all fasteners and the hose has a rated working pressure exceeding 200 psi (13.8 bar) and a female quick coupler.



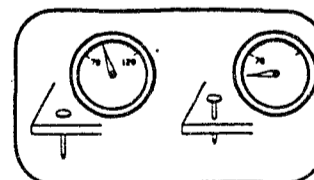
4. Regulate the air pressure to obtain 85 psi (5.9 bar) at the tool. Check the operation of the contact safety mechanism following the instructions in this manual.



5. Insert fasteners into your tool following the instructions of filling the magazine.



6. Reconnect the air hose to the tool.

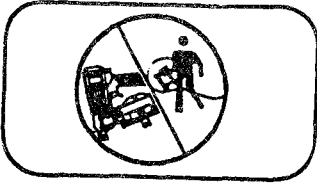


7. Test for proper fastener penetration by driving fasteners into a piece of wood. If the fasteners do not achieve the desired penetration, regulate the air pressure to a higher setting until the desired penetration is achieved. Do not exceed 110 psi (7.6 bar) at the tool.

# CLEARING A JAM FROM THE TOOL

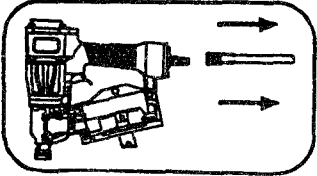
## ⚠ WARNING

DISCONNECT THE TOOL FROM AIR COMPRESSOR BEFORE ADJUSTING, CLEARING JAMS, SERVING ,RELOCATING AND DURING NON OPERATION,

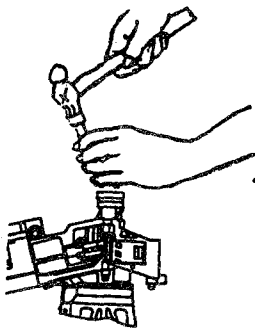


Fastener jammed inside magazine:

1. Disconnect tool from air supply.

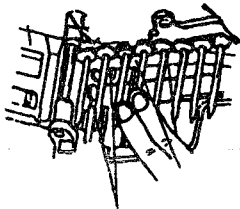


2. Open the magazine cover and door.



3. Remove jammed nail by using a rod bit it back to the nose.

4. Remove the jammed nail away.

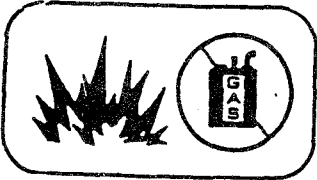


5. Cut the deformed nail and correct the wire collated.

# CLEANING THE TOOL

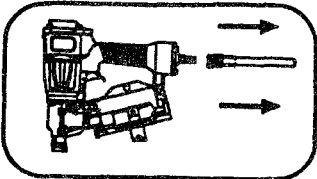
## ⚠ DANGER

NEVER USE GASOLINE OR OTHER FLAMMABLE LIQUIDS TO CLEAN THE TOOL. VAPORS IN THE TOOL WILL IGNITE BY A SPARK AND CAUSE THE TOOL TO EXPLODE AND RESULT IN DEATH OR SERIOUS PERSONAL INJURY.

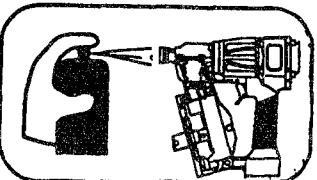


## ⚠ NOTE

1. Disconnect the air supply from the tool.



2. Remove tar buildup with kerosene #2 fuel oil or diesel fuel. Do not allow solvent to get into the cylinder or damage may occur. Dry off the tool completely before use.



# TROUBLESHOOTING



## WARNING

STOP USING THE TOOL IMMEDIATELY IF ANY OF THE FOLLOWING PROBLEMS OCCUR. SERIOUS PERSONAL INJURY COULD OCCUR. ANY REPAIRS OR REPLACEMENTS MUST BE DONE BY A QUALIFIED PERSON OR AN AUTHORIZED SERVICE CENTER ONLY.

PROBLEM	CAUSE	CORRECTION
Air leaking at trigger valve area.	O-rings in trigger valve housing are damaged.	O-rings must be replaced & operation of contact safety trip mechanism must be checked.
Air leaking between housing and nose.	Loose screws in housing. Damaged O-rings. Damage to bumper	Screws need to be tightened. O-rings must be replaced. Bumper needs to be replaced.
Air leaking between housing and cap assy.	Loose screws. Damaged seal.	Screws need to be tightened. Seal need to be replaced.
Tool skips driving fastener.	Worn bumper. Dirt in nose. Dirt or damage prevents fasteners from moving freely in magazine. Inadequate air flow to tool. Worn O-ring on piston or lack of lubrication. Damaged O-rings on trigger valve. Air leaks. Cap seal leaking.	Bumper need to be replaced. Clean. Magazine needs to be cleaned. Fitting hose or air compressor needs to be checked. O-ring needs to be replaced. Lubricate. O-rings needs to be replaced. Screws and fittings need to be tightened. Seal needs to be replaced.
Tool runs slow or has loss of power.	Tool not lubricated sufficiently. Broken spring in cap assy.. Exhaust port in cap is blocked.	Tools needs to be lubricated. Spring needs to be replaced. Damaged internal parts need to be replaced.
Fasteners are jammed in tool.	Driver guide worn or damaged. Driver is damaged. Fasteners are not correct size. Fasteners are bent. Magazine or nose screws are loose.	Replace driver guide. Replace driver. Fasteners recommended for tool must be used. Replace with undamaged fasteners. Screws need to be tightened.