



KING KING CANADA

OIL-FREE AIR COMPRESSOR KIT



MODEL: 8438

INSTRUCTION MANUAL

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WARRANTY INFORMATION

**2-YEAR
LIMITED WARRANTY
FOR THIS OIL-FREE AIR COMPRESSOR**

**KING CANADA TOOLS
OFFERS A 2-YEAR LIMITED WARRANTY
FOR NON-COMMERCIAL USE.**

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

Replacement parts for this product are available at our authorized King Canada service centers across Canada. Please use the 10 digit part numbers listed in this manual for all part orders where applicable.

LIMITED TOOL WARRANTY

King Canada makes every effort to ensure that this product meets high quality and durability standards. King Canada warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, normal wear and tear, negligence or accidents, repairs done by an unauthorized service center, alterations and lack of maintenance. King Canada shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products.

To take advantage of this limited warranty, return the product at your expense together with your dated proof of purchase to an authorized King Canada service center. Contact your retailer or visit our web site at www.kingcanada.com for an updated listing of our authorized service centers. In cooperation with our authorized serviced center, King Canada will either repair or replace the product if any part or parts covered under this warranty which examination proves to be defective in workmanship or material during the warranty period.

NOTE TO USER

This instruction manual is meant to serve as a guide only. Specifications and references are subject to change without prior notice.

KING CANADA INC. DORVAL, QUÉBEC, CANADA H9P 2Y4

www.kingcanada.com

IMPORTANT SAFETY INSTRUCTIONS



RISK OF EXPLOSION OR FIRE **WHAT CAN HAPPEN**

It is normal for electrical contacts within the motor and pressure switch to spark.



If electrical sparks from the compressor come in contact with flammable vapors, they may ignite, causing fire or explosion. Restricting any of the compressor ventilation openings will cause serious overheating and could cause fire.

Unattended operation of this compressor could result in personal injury or property damage.



RISK OF BURSTING **WHAT CAN HAPPEN**

1. Failure to properly drain condensed water from the tank, causing rust and thinning of the steel tank.
2. Modifications or attempted repairs to the tank.
3. Unauthorized modifications to the unloader valve, safety valve or any other components which control tank pressure.
4. Excessive vibration can weaken the air tank and cause rupture or explosion.

Attachments & Accessories; Exceeding the operating pressure of air tools can cause them to explode.



RISK OF BURNS **WHAT CAN HAPPEN**

Touching exposed metal such as the compressor head or outlet tubes, can result in serious burns.

HOW TO PREVENT IT

Always operate the compressor in a well ventilated area free of combustible materials, gasoline or solvent vapors. If spraying flammable materials, locate the compressor at least 20 feet away from the spray area. An additional length of hose may be required.

Store flammable materials in a secure location away from the compressor.

Never place objects against or on top of the compressor. Operate compressor in an open area at least 12 inches away from any wall or obstruction that would restrict the flow or fresh air to the ventilation openings.

Operate compressor in a clean, dry and well ventilated area. Do not operate compressor indoors in a confined area.

Always remain in attendance with the compressor when it is operating.

HOW TO PREVENT IT

Drain tank daily or after every use. If the tank develops a leak, replace tank or get a new air compressor. Never drill into, weld or make any modifications to the tank or its attachments.

The tank is designed to withstand specific operating pressures. Never make adjustments or parts substitutions to alter the factory set operating pressures.

For essential control of air pressure, you must install a pressure regulator and pressure gauge to the air outlet.

HOW TO PREVENT IT

Never touch any exposed metal parts on compressor during or immediately after operation. The compressor will remain hot several minutes after use.

Do not reach around protective shrouds or attempt maintenance until the compressor has cooled down completely.

SPECIFICATIONS & ELECTRICAL INFORMATION

SPECIFICATIONS

| | |
|----------------------------------|--------------|
| Model | 8438 |
| Voltage | 120V |
| Amperage..... | .5A |
| RPM (no load speed)..... | 4,700 |
| Phase | 1 |
| Hertz..... | 60Hz |
| Maximum operating pressure | 100 PSI |
| CFM @ 40 PSI..... | 1.0 |
| CFM @ 90 PSI..... | 0.60 |
| Tank size | 3 US Gallons |

WARNING

ALL ELECTRICAL CONNECTIONS MUST BE DONE BY A QUALIFIED ELECTRICIAN. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY! ALL ADJUSTMENTS OR REPAIRS MUST BE DONE WITH THE COMPRESSOR DISCONNECTED FROM THE POWER SOURCE. FAILURE TO COMPLY MAY RESULT IN SERIOUS INJURY!

POWER SUPPLY

WARNING: YOUR COMPRESSOR MUST BE CONNECTED TO A 120V OUTLET, USING A 15-AMP TIME DELAY FUSE OR CIRCUIT BREAKER. FAILURE TO CONNECT IN THIS WAY CAN RESULT IN INJURY FROM SHOCK OR FIRE.

GROUNDING

Your compressor must be properly grounded. Not all outlets are properly grounded. If you are not sure if your outlet is properly grounded, have it checked by a qualified electrician.

WARNING: IF NOT PROPERLY GROUNDED, THIS COMPRESSOR CAN CAUSE ELECTRICAL SHOCK, PARTICULARLY WHEN USED IN DAMP LOCATIONS. TO AVOID SHOCK OR FIRE, IF THE POWER CORD IS WORN OR DAMAGED IN ANY WAY, HAVE IT REPLACED IMMEDIATELY.

If this compressor should malfunction or breakdown, grounding provides a path of least resistance for electric current, to reduce the risk of electric shock. This compressor is equipped with a cord having an equipment-grounding conductor and grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

WARNING: TO MAINTAIN PROPER GROUNDING, DO NOT REMOVE OR ALTER THE GROUNDING PRONG IN ANY MANNER.

120V OPERATION

As received from the factory, your compressor is ready to run for 120V operation. This machine is intended for use on a circuit that has an outlet and a plug which looks like the one illustrated in Fig.1.

WARNING: DO NOT USE A TWO-PRONG ADAPTOR FOR THEY ARE NOT IN ACCORDANCE WITH LOCAL CODES AND ORDINANCES. NEVER USE IN CANADA.

EXTENSION CORDS

The use of any extension cord will cause some loss of power. IT IS RECOMMENDED TO USE A LONGER AIR HOSE INSTEAD OF AN EXTENSION CORD. Use the chart below in Fig.2 to determine the recommended minimum wire size (A.W.G-American Wire Gauge) extension cord. Use only 3-wire extension cords which have 3-prong grounding type plugs and 3-hole receptacles which accept the tool's plug.

For circuits that are further away from the electrical circuit box, the wire size must be increased proportionately in order to deliver ample voltage to the motor. Refer to Fig.2 for wire length and size.

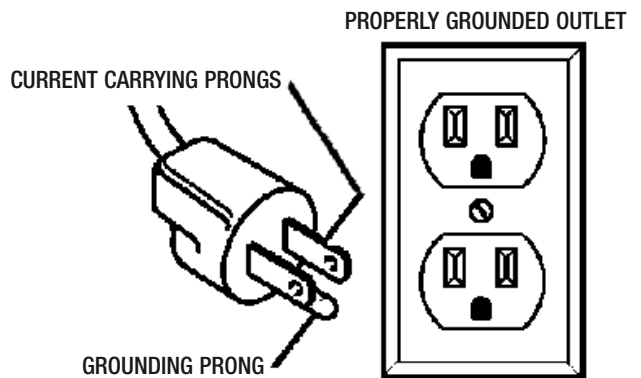


FIGURE 1

| LENGTH OF CONDUCTOR | WIRE SIZES REQUIRED (AMERICAN WIRE GAUGE) |
|---------------------|---|
| | <u>120V LINES</u> |
| 0-25 FEET | NO. 16 |
| 26-50 FEET | NO. 16 |
| 51-100 FEET | NO. 14 |

FIGURE 2

OPERATION CONTROLS

CHECK VALVE

When the air compressor is operating, the check valve is “open”, allowing compressed air to enter the air tank. When the air compressor reaches “Cut-Out” pressure, the check valve “closes”, allowing air pressure to remain inside the air tank.

ON/OFF SWITCH (A) FIG.3

Turn this switch ON to provide power to the automatic pressure switch and OFF to remove power at the end of each use.

RESET (B) FIG.3

This compressor is equipped with a thermal overload. If the motor overheats the rest will trip and turn the compressor off. Wait 5 minutes to allow for cooling and press the rest button before attempting to restart the motor.

PRESSURE SWITCH

The pressure switch automatically starts the motor when the tank pressure drops below the factory set “Cut-In” pressure. It also stops the motor when the air tank pressure reaches the factory set “Cut-Out” pressure.

REGULATOR (A) FIG.4

The air pressure coming from the air tank is controlled by the regulator. Turn the regulator knob clockwise to increase pressure and counterclockwise to decrease pressure. To avoid minor readjustment after making a change in the pressure setting, always approach the desired pressure from a lower pressure. When reducing from a higher to a lower setting, first reduce the pressure less than that desired, then bring it up to the desired pressure. Depending on the air requirements of each particular accessory, the outlet regulated air pressure may have to be adjusted while operating the accessory.

OUTLET PRESSURE GAUGE (B) FIG.4

The outlet pressure gauge indicates the air pressure available at the outlet side of the regulator. The pressure is controlled by the regulator and is always less than or equal to the tank pressure.

TANK PRESSURE GAUGE (C) FIG. 4

The tank pressure gauge indicates the reserve air pressure in the tank.

“ONE TOUCH” 1/4” QUICK RELEASE COUPLER (D) FIG. 4

Connect the coil hose with a 1/4” male fitting and connect it this female quick release coupler.

DRAIN VALVE (A) FIG. 5

The drain valve is located at the base of the air tank and is used to drain condensation at the end of each use.

SAFETY PRESSURE RELEASE VALVE (A) FIG.6

If the pressure switch does not shut off the air compressor at its cutout pressure setting and the air pressure keeps rising, the safety valve will protect against high pressure by “popping out” above factory set pressure (slightly higher than the pressure switch cut-out setting).

WARNING!: If the safety pressure release valve does not work properly, over pressurization may occur, causing air tank rupture or an explosion. Pull the ring on the safety valve daily to make sure that the safety valve operates freely. If the valve is stuck or does not operate smoothly, it must be replaced with the same type of valve.

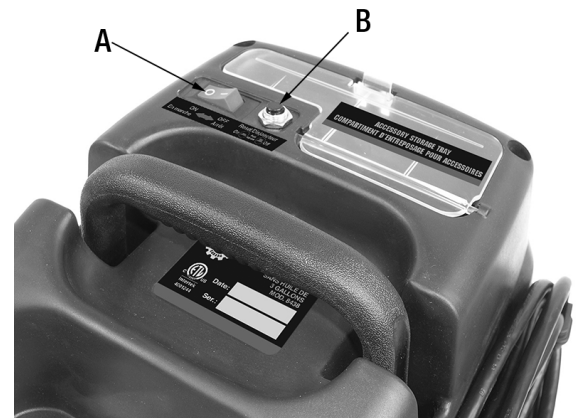


FIGURE 3



FIGURE 4

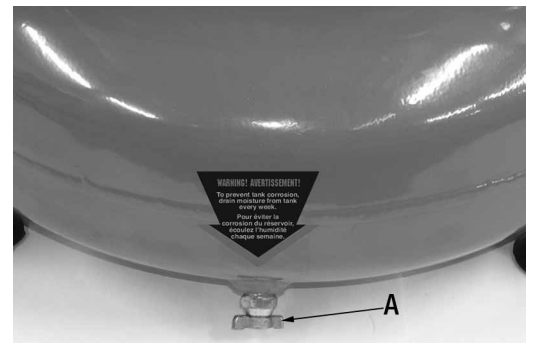


FIGURE 5

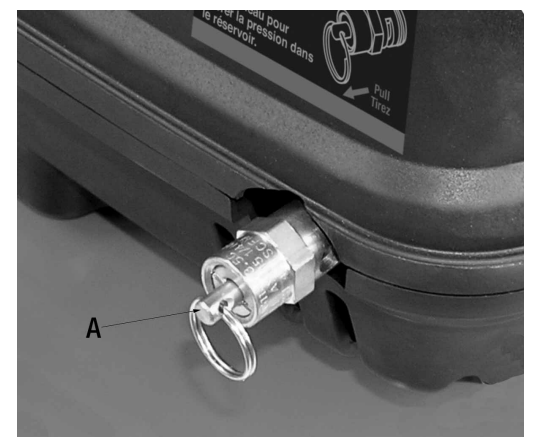


FIGURE 6

SET-UP, OPERATION & STORING

SETTING UP YOUR AIR COMPRESSOR

Operate the air compressor in a dry, clean, cool, well ventilated area. Clean or blow off dust or dirt that collects on the air compressor. A clean air compressor runs cooler and provides longer service. The ventilation openings on your air compressor are necessary to maintain proper operating temperature. Do not place rags or other containers on or near these openings.

ADDITIONAL REGULATORS AND CONTROLS

Since the air tank pressure is usually greater than that which is needed, a regulator is employed to control the air pressure ahead of any individual driven device. Separate air transformers which combine the function of air regulation, moisture and dirt removal should be used where applicable.

Preparation for use:

1. Before attaching air hose or accessories, make sure the On/Off switch is set to "OFF" and the air regulator is closed (completely turned counterclockwise).
2. Attach the 1/4" male fitting (A) Fig.7 to one end of coil hose (B), then connect the male fitting (A) into the quick connect outlet (C), then attach the any of the supplied accessories (D) to the other end of the coil hose. To prevent air leaks, it is recommended to install Teflon Tape (not supplied) on the threads at both ends of the coil hose.

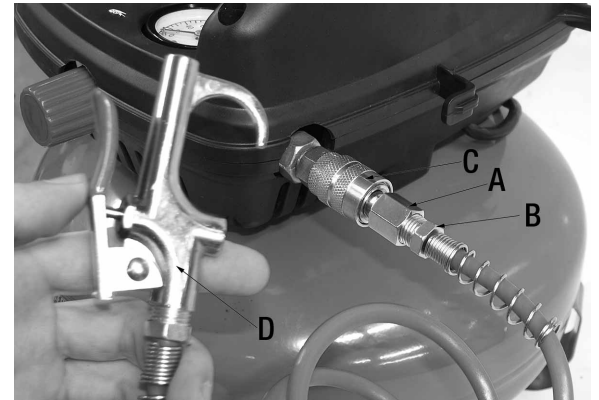


FIGURE 7

WARNING: Too much air pressure causes a hazardous risk of bursting. Check the manufacturer's maximum pressure rating for air tools and accessories. The regulator outlet pressure must never exceed the maximum pressure rating of the tool being used.

3. Turn the switch to the On position and allow tank pressure to build. Motor will stop when tank pressure reaches "cut-out" pressure.
4. Open the regulator by turning it clockwise. Adjust the regulator to the correct pressure setting. The compressor is ready for use.

After Use:

1. Set the switch to Off.
2. Turn the regulator counterclockwise to set the outlet pressure to zero.
3. Disconnect the air tool or accessory.
4. Pull ring on safety valve (A) Fig. 6, allowing air to bleed from the tank until tank pressure is approximately 20 psi. Release safety valve ring.
5. Drain water from air tank. Turn drain valve (A) Fig. 5, counterclockwise to open.

WARNING!: WATER WILL CONDENSE IN THE AIR TANK. IF NOT DRAINED WATER WILL CORRODE AND WEAKEN THE AIR TANK CAUSING A RISK OF AIR TANK RUPTURE.

NOTE: If drain valve is plugged, pull ring on safety valve (A) Fig. 6, and hold until all air pressure has been released. The drain valve can then be removed, cleaned, and reinstalled.

6. After the water has been completely drained, turn drain valve to close. The air compressor can now be stored.

MAINTENANCE & TROUBLESHOOTING

MAINTENANCE

Before doing any maintenance or adjustments to your air compressor, the following safety precautions should be taken:

- Disconnect electrical power.
- Release air tank pressure.

Daily or before each use:

1. Drain condensation from tank.
2. Check for any unusual noise or vibration.
3. Be sure all nuts and bolts are tight.

KEEP TOOL CLEAN

Periodically blow out all air passages with dry compressed air. Clean all plastic parts with a soft damp cloth. NEVER use solvents to clean plastic parts. They could possibly dissolve or otherwise damage the material.

CAUTION: Wear safety glasses while using compressed air.

FAILURE TO START

Should your compressor fail to start, check to make sure the prongs on the cord plug are making good contact in the outlet. Also, check compressor fuse or tripped circuit breakers in the line.

TROUBLE SHOOTING

| TROUBLE | POSSIBLE CAUSE | CORRECTIVE ACTION |
|---|---|--|
| No start condition | Fuse blown or circuit breaker tripped Loose electrical connections Overheated motor | Check for cause of blown fuse/breaker and replace Check wiring connections Turn compressor off, wait until total cool-down before restarting |
| Low pressure | Air leak in safety valve Defective check valve | Check valve manually by pulling upwards on ring. If condition persists replace valve Replace check valve |
| Safety valve releasing | Defective pressure switch or improper adjustment | Check for proper adjustment and if problem persists, replace pressure switch |
| Tank pressure drops when compressor shuts off | Loose drain valve Loose connections at regulator or pressure switch | Tighten drain valve Check connections for leaks, seal with Teflon tape |
| Excessive moisture coming out of air hose | Excessive water in the tank Humidity too high | Drain tank through drain valve Move compressor to area of less humidity. Risk of electric shock! |

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.



KING KING CANADA

18 GA. X 2" BRAD NAILER KIT



MODEL: 8200B

INSTRUCTION MANUAL

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WARRANTY INFORMATION



| | |
|--|---|
| 2-YEAR LIMITED WARRANTY FOR THIS 18 GA. BRAD NAILER KIT | KING CANADA TOOLS OFFERS A 2-YEAR LIMITED WARRANTY FOR NON-COMMERCIAL USE. |
|--|---|

PROOF OF PURCHASE

Please keep your dated proof of purchase for warranty and servicing purposes.

REPLACEMENT PARTS

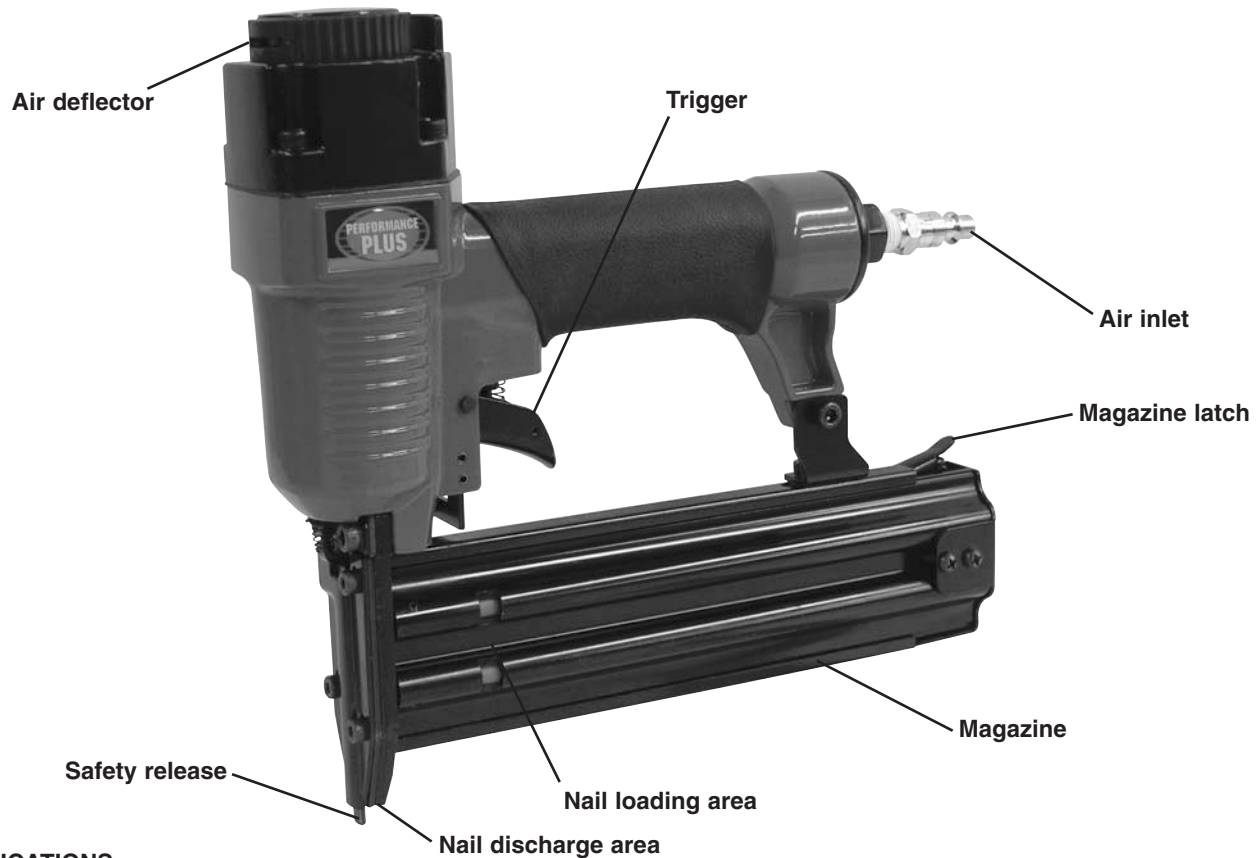
Replacement parts for this tool are available at our authorized KING CANADA service centers across Canada. For servicing, contact or return to the retailer where you purchased your product along with your proof of purchase.

LIMITED TOOL WARRANTY

KING CANADA makes every effort to ensure that this product meets high quality and durability standards. KING CANADA warrants to the original retail consumer a 2-year limited warranty as of the date the product was purchased at retail and that each product is free from defects in materials. Warranty does not apply to defects due directly or indirectly to misuse, abuse, negligence or accidents, repairs or alterations and lack of maintenance. KING CANADA shall in no event be liable for death, injuries to persons or property or for incidental, special or consequential damages arising from the use of our products. To take advantage of this warranty, the product or part must be returned for examination by the retailer. Shipping and handling charges may apply. If a defect is found, KING CANADA will either repair or replace the product.



GETTING TO KNOW YOUR NAILER



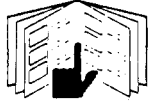
SPECIFICATIONS

| | |
|--|---|
| Model | 8200B |
| Air inlet | 1/4" NPT |
| Compressed air: | |
| Maximum permissible operating pressure | 120 PSIG (8.3 bar) |
| Recommended operating pressure range | 70-100 PSI |
| Nail range | 5/8" to 2" 18ga. brad head finish nails |
| Width | 1.25mm |
| Thickness | .2mm |
| Nail capacity | 100 brad nails |

A V A I L A B L E
KING INDUSTRIAL
18 GA. - BRAD NAILS

| | | |
|---------|---------|----------------|
| BN-1816 | 5/8" | (16MM APPROX.) |
| BN-1820 | 3/4" | (18MM APPROX.) |
| BN-1825 | 1" | (25MM APPROX.) |
| BN-1830 | 1 3/16" | (29MM APPROX.) |
| BN-1832 | 1-1/4" | (30MM APPROX.) |
| BN-1838 | 1-1/2" | (36MM APPROX.) |
| BN-1840 | 1-9/16" | (38MM APPROX.) |
| BN-1845 | 1-3/4" | (42MM APPROX.) |
| BN-1850 | 2" | (50MM APPROX.) |

SAFETY INSTRUCTIONS



- Read and understand this manual and all the safety instructions before operating this nailer. If you have any questions, please contact our authorized service centres or retailers for help.



- Never allow the use of flammable gases as a power source for the nailer. Use filtered, lubricated and regulated compressed air only.



- Never use gasoline or other flammable liquids to clean this nailer. Vapors in the nailer will ignite by a spark and cause the nailer to explode.



- Do not exceed the maximum permissible operating pressure of this nailer (120 PSIG).



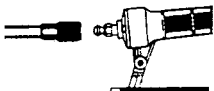
- Disconnect the nailer from its air supply before clearing jams, servicing, adjusting and while the nailer is not in use.



- Do not keep the trigger pulled on contact safety trip mechanism when carrying or holding the nailer. Never carry the nailer by the air hose or pull on the air hose to move the nailer.



- At the workplace, always wear protective equipment such as Z87 safety glasses, hearing and head protection.



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



- Do not place your hand or any part of your body in the nail discharge area of the nailer when connecting or disconnecting from the air supply.



- Never point any operational nail driving tool at yourself or at any other person.

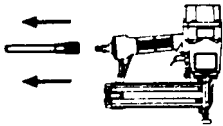


LUBRICATION AIR SUPPLY AND CONNECTIONS

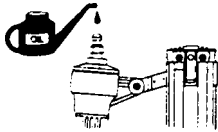
LUBRICATION AND MAINTENANCE



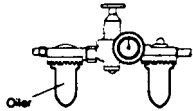
- Your nailer needs to be lubricated before and after the first time you use it.



- Disconnect the air supply from the nailer before lubricating.



- Turn the nailer so that the inlet is facing up and put **ONE DROP** of high speed spindle oil or oil without detergent into the air inlet. Never use detergent oil or additives. Operate the nailer briefly after adding oil.

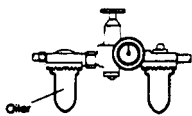
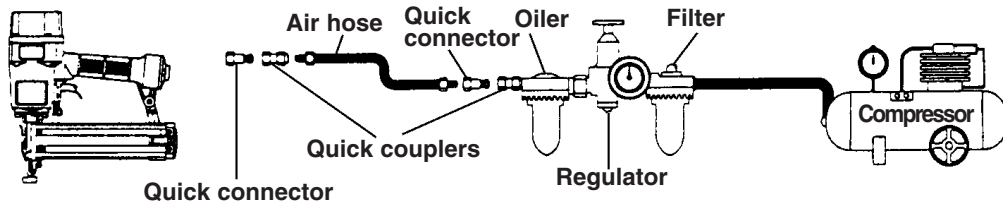


- Wipe off excessive oil at the exhaust. Excessive oil will damage O-rings of the nailer. If a in-line oiler is used, manual lubrication through the air inlet is not required on a daily basis.

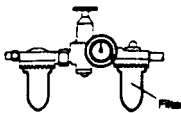
AIR SUPPLY AND CONNECTIONS

WARNING!

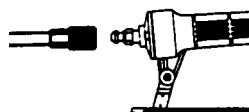
THE FOLLOWING ILLUSTRATION SHOWS THE CORRECT MODE OF CONNECTION TO THE AIR SUPPLY SYSTEM WHICH WILL INCREASE THE EFFICIENCY AND USEFUL LIFE OF THE NAILER.



- Many air tool users find it convenient to use an oiler to help provide oil circulation through the tool and it increases the efficiency and useful life of the tool. Check oil level in the oiler daily.



- Many air tool users find it convenient to use a filter to remove moisture and impurities which can rust or wear internal parts of the tool. A filter also increases the efficiency and useful life 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.

FIRING MODES & VERIFICATION



Operational modes

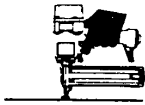
This nailer may be operated in either “sequential” or “bump fire” mode.

Sequential Mode

This firing method is recommended when precise nail placement is required. In sequential mode, the nailer is actuated by depressing the nailer nose against the work surface, the trigger then needs to be pulled and released each time a nail is driven.

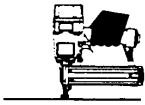
Bump Fire Mode

This firing method is recommended when less precise nail placement is required. In bump fire mode, the trigger must be depressed with the nailer nose off the work surface. Then, the nose of the nailer is tapped against the work surface causing a nail to be driven. Each time the nailer nose is depressed, a nail is driven.



OPERATING A CONTACT SAFETY TRIP TOOL (SEQUENTIAL MODE):

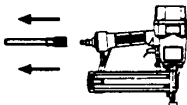
- The operator is required to have the finger off the trigger and the nose of the nailer to be placed on the workpiece.



- The contact safety trip mechanism is then depressed against the workpiece and the trigger is pulled to drive the nail.

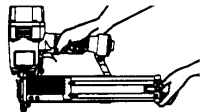


- The trigger is released after each nail is driven.
- Move the nailer to the next location and repeat the above procedure.

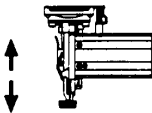


VERIFICATION

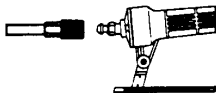
- Disconnect the air supply from the air inlet.



- Empty all nails from the magazine.



- Make sure the trigger and the contact safety trip mechanism moves up and down without sticking.



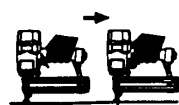
- Connect the air supply to the nailer air inlet.



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



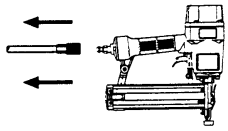
- Hold the nailer clear of the workpiece. The contact safety trip mechanism should return to its original down position. Pull the trigger. The tool must not cycle. **Never use the nailer if a cycle occurs.**



- Depress the contact safety trip mechanism against the workpiece and pull the trigger, the nailer must cycle.

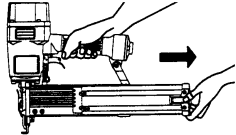


LOADING NAILER & CLEARING JAMS

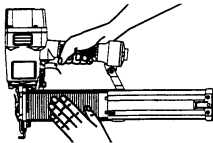


LOADING NAILER MAGAZINE

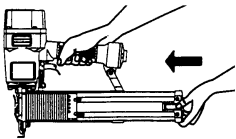
- Disconnect the air hose from the nailer air inlet.



- Depress the magazine latch, pull back on the magazine cover.



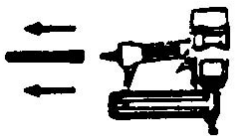
- Insert a stick of nails into the magazine. Make sure the pointed ends of the nails are as close to the bottom edge of the magazine as possible, ensuring the head of the nail is aligned with the appropriate machined groove in the magazine.



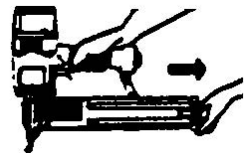
- Push the magazine cover forward until the latch catches.

CLEARING JAMS

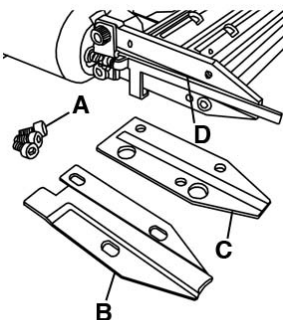
Disconnect the nailer from the air compressor before adjusting, clearing jams, servicing, relocating and during non-operation.



- Disconnect the air hose from the nailer air inlet.



- Depress the magazine latch, pull back on the magazine cover and remove all nails.



- Undo the three cap screws (A) and remove the front plate (B) and the intermediary plate (C) from the nailer. Using pliers, remove the jammed nail from nail discharge area (D) and reinstall all parts in reverse order and secure them in place using the same 3 cap screws.

OPERATING YOUR NAILER



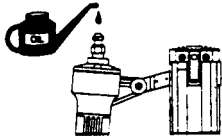
OPERATING YOUR NAILER



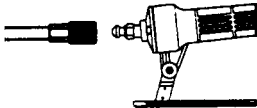
WARNING! protect your eyes and ears. Wear Z87 safety glasses with side shields. Wear hearing protection. Employers are responsible for ensuring the user or anyone near the nailer wears the above mentioned safety protection.



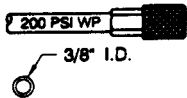
WARNING! Check and replace any damaged or worn components.



- Add one/two drops of 30W oil for air tools into the air inlet.



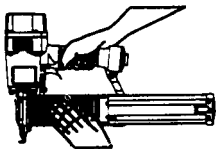
- Install a quick connect fitting to the nailer.



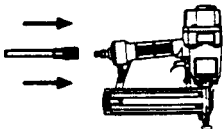
- Connect the nailer to an air compressor using a 3/8" I.D. hose. Make sure the magazine does not contain any nails and that the air hose has a rated working pressure exceeding 200 psi and a female quick coupler.



- Regulate the air pressure to obtain 85 psi. Check the operation of the contact safety trip mechanism following the instructions in this manual.



- Load magazine with nails following the instructions in this manual.



- Reconnect the air hose to the nailer air inlet.



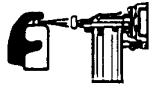
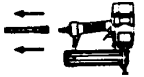
- Test for proper nail penetration by driving nails into scrap wood. If the nails do not achieve the desired penetration, regulate the air pressure to a higher setting until the desired penetration is achieved. Do not exceed 100 psi.



MAINTENANCE & TROUBLESHOOTING



CLEANING YOUR NAILER



- Never use gasoline or other flammable liquids to clean the nailer. Vapors in the nailer will ignite by a spark and cause the tool to explode and result in death or serious personal injury.
- Disconnect the air supply from the nailer.
- Remove tar buildup with #2 kerosene 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 CHART

WARNING: Stop using this 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 centre only.

| Problem | Cause | Solution |
|---|---|--|
| • Air leaking at trigger valve area. | • O-rings in trigger valve are damaged. | • O-rings must be replaced and safety trip mechanism must be verified. |
| • Air leaking between housing and nose. | • Loose screws in housing. • Damaged O-rings. • Bumper damage. | • Screws need to be tightened. • O-rings must be replaced. • Bumper needs to be replaced. |
| • Air leaking between housing and cap assembly. | • Loose screws. • Damaged seal. | • Screws need to be tightened. • Seal must be replaced. |
| • Nailer skips a nail. | • Worn bumper. • Dirt in nailer nose. • Dirt or damage prevents nails from moving freely in the magazine. • Inadequate air flow to nailer. • Worn O-ring on piston or lack of lubrication. • Damaged O-rings on trigger valve. • Air leaks. • Cap seal is leaking. | • Bumper needs to be replaced. • Clean. • Magazine must be cleaned. • Fitting hose and air compressor need to be checked. • O-rings must be replaced, lubricate. • O-rings must be replaced. • Screws and fittings need to be tightened. • Seal needs to be replaced. |
| • Nailer runs too slowly or has loss of power. | • Nailer is not sufficiently lubricated. • Broken spring in cap assembly. • Exhaust port in cap is blocked. | • Lubricate. • Spring needs to be replaced. • Damaged internal parts must be replaced. |
| • Jammed nails. | • Driver guide worn or damaged. • Nails are bent. • Magazine or nose screws are loose. • Damaged driver. | • Replace driver guide. • Replace with undamaged nails. • Screws need to be tightened. • Replace driver. |

REPLACEMENT DRIVER, BUMPER & O-RING REPAIR KITS

After prolonged use of your Nailer, the internal O-rings, Bumper & Driver may have to be replaced caused by wear & tear. To repair, a complete Driver, Bumper & O-ring Replacement Accessory Kit is available for your Nailer (model: KW-117). Contact your local King Canada distributor for more information.

PARTS DIAGRAM & PARTS LISTS

Refer to the Parts section of the King Canada web site for the most updated parts diagram and parts list.



KW-117