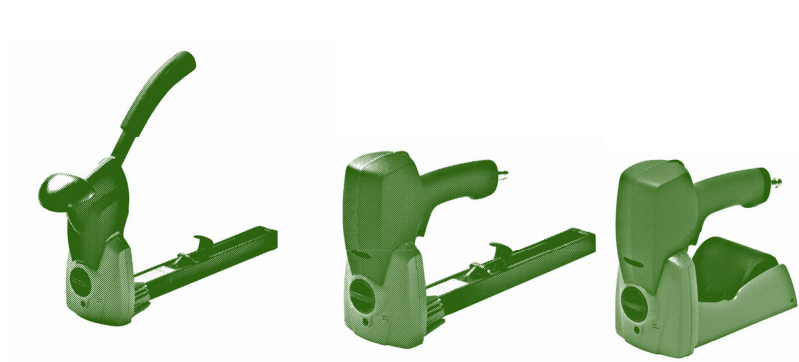




Klinch-Pak Carton Closer Stapler

(KP-561M, KP-561PM, KP-560M, KP-560PM, KP-560PN22, KP-RCRR1, KP-RC555)

Operation and Maintenance Manual



! DANGER

! PELIGRO

IMPORTANT

IMPROPER AND UNSAFE USE OF THIS NAILER WILL RESULT IN DEATH OR SERIOUS INJURY. PLEASE MAKE CERTAIN THAT THE PERSON WHO IS TO USE THIS EQUIPMENT CAREFULLY READS AND UNDERSTANDS THESE INSTRUCTIONS BEFORE STARTING OPERATIONS. KEEP THIS MANUAL AVAILABLE FOR OTHERS BEFORE THEY USE THE NAILER.

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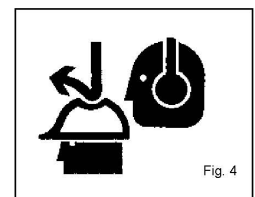
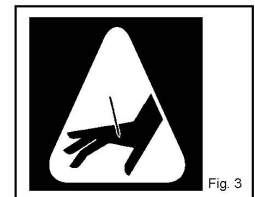
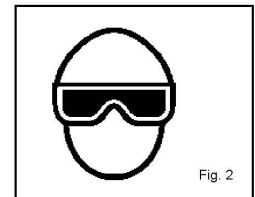
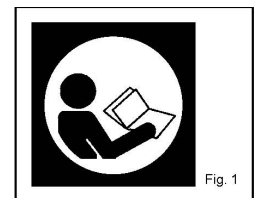
Safety Instructions

For Pneumatic Carton Closer Nailer

!WARNING

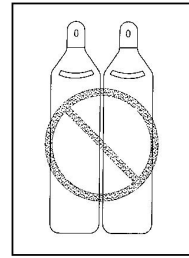
When using pneumatic tools, basic safety precautions should always be followed to reduce the risk of personal injury, including the following:

- 1. Read and understand tool labels and manual.** Failure to follow warnings could result in DEATH or SERIOUS INJURY.
- 2. Eye Protection** which conforms to ANSI Z87.1 specifications and provides protection against flying particles both from the FRONT and SIDE should always be worn by the operator and others in the work area when connecting to air supply, loading, operating or servicing this tool.
- 3. Never points the nailer at yourself toward yourself or others, whether it contains fasteners or not.** Always assume the nailer contains fasteners. If fasteners are mistakenly driven, it can lead to severe injuries.
- 4. Always wear ear and head protection.** Always wear ear protection to protect your ears from loud noise. Some environments will require the use of head protection equipment which conforming to ANSI Z89.1 specification.
- 5. Keep fingers away from trigger when not driving fasteners to avoid accidental firing.** Remove finger from trigger when not driving fasteners. Never carry the nailer with finger on trigger since you could drive a fastener unintentionally and injury yourself or someone.



6. Never use oxygen or other bottled gasses. Explosion may occur.

Never use oxygen, combustible gases or any other bottled gasses as a power source for the nailer. Use only clean, dry, regulated compressed air.



7. Do not use supply sources which can potentially exceed 200 PSI (13.7 BAR) as tool may burst and possibly causing injury.

8. Air hoses should have a minimum of 150 PSI (10.3 BAR) working pressure rating or 150% of the maximum pressure that could be produced in the air system. The supply hose should contain a fitting that will provide “quick connecting” from the male plug on the tool.

9. Store nailer properly. When not in use, the nailer should be stored in a dry place. Keep out of reach of children. Lock the storage area.

10. Dress Properly. Do not wear loose clothing or jewelry as they can be caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

11. Keep your work area clean and well lit. Cluttered benches and dark areas invite accidents.

12. Keep visitors away. Do not let visitors handle the nailer. All visitors should be kept safely away from work area.

13. Disconnect tool from air supply hose before doing tool maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handling the tool to another person.

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

15. Do not load fasteners with trigger pulled or safety depressed. When loading fasteners into the nailer or when connecting the air hose, do not pull trigger, depress safety and keep the nailer pointed downward.

16. Always assume the tool contains fasteners. Do not point the tool toward yourself or anyone whether it contains fasteners or not.

17. Maintain tools with care. Follow maintenance instructions. Properly maintained tools are easier to control.

18. Use the tool only for its intended use. Do not discharge fasteners into open air.

19. Do not driver fasteners close to the edge of the work piece. The work piece is likely to split allowing the fasteners to fly free or ricochet causing personal injury.

20. **Do not drive fasteners on top of other fasteners or with the tool at an overly steep angle** as this may cause deflection of fasteners which could cause injury.
21. **Do not use tool without safety warning label.**
22. **Connect tool to air supply before loading fasteners** to prevent a fastener from being fired during connection. The tool driving mechanism may cycle when tool is connected to the air supply.
23. **Keep all screws and covers tightly in place.** Keep all screws and covers tightly mounted. Check their condition periodically. Never use the nailer if parts are missing or damaged.
24. **Handle nailer correctly and carefully.** Because of high air pressure in the nailer, cracks in the surface are dangerous. To avoid this, do not drop the nailer or strike the nailer against hard surfaces and do not scratch or engraves signs on the nailer.
25. **Stay alert.** Watch what you are doing and Use common sense. Do not operate the nailer when you are tired. The nailer should never be used by you if you are under the influence of alcohol, drugs or medication.

For Manual Carton Closer Stapler

1. **Read and understand tool labels and manual.** Failure to follow warnings could result in DEATH or SERIOUS INJURY.
2. **Eye Protection** which conforms to ANSI Z87.1 specifications and provides protection against flying particles both from the FRONT and SIDE should always be worn by the operator and others in the work area when connecting to air supply, loading, operating or servicing this tool.
3. **Never points the nailer at yourself toward yourself or others, whether it contains fasteners or not.** Always assume the nailer contains fasteners. If fasteners are mistakenly driven, it can lead to severe injuries.
4. **Always wear ear and head protection.** Always wear ear protection to protect your ears from loud noise. Some environments will require the use of head protection equipment which conforming to ANSI Z89.1 specification.
5. **Store nailer properly.** When not in use, the nailer should be stored in a dry place. Keep out of reach of children. Lock the storage area.
6. **Dress Properly.** Do not wear loose clothing or jewelry as they can be

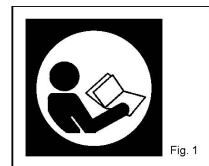


Fig. 1

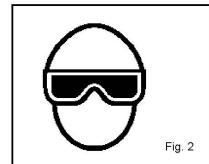


Fig. 2

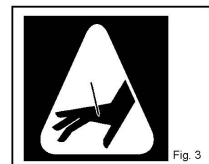


Fig. 3

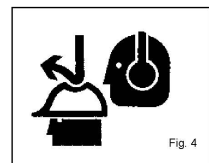


Fig. 4

caught in moving parts. Rubber gloves and nonskid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

- 7. Keep your work area clean and well lit.** Cluttered benches and dark areas invite accidents.
- 8. Keep visitors away.** Do not let visitors handle the nailer. All visitors should be kept safely away from work area.
- 9. Do not overreach. Keep proper footing and balance at all times.** Proper footing and balance enables better control of the tool in unexpected situations.
- 10. Always assume the tool contains fasteners.** Do not point the tool toward yourself or anyone whether it contains fasteners or not.
- 11. Maintain tools with care.** Follow maintenance instructions. Properly maintained tools are easier to control.
- 12. Use the tool only for its intended use.** Do not discharge fasteners into open air.
- 13. Do not driver fasteners close to the edge of the work piece.** The work piece is likely to split allowing the fasteners to fly free or ricochet causing personal injury.
- 14. Do not drive fasteners on top of other fasteners or with the tool at an overly steep angle** as this may cause deflection of fasteners which could cause injury.
- 15. Do not use tool without safety warning label.**
- 16. Keep all screws and covers tightly in place.** Keep all screws and covers tightly mounted. Check their condition periodically. Never use the nailer if parts are missing or damaged.
- 17. Stay alert.** Watch what you are doing and Use common sense. Do not operate the nailer when you are tired. The nailer should never be used by you if you are under the influence of alcohol, drugs or medication.

Tool Specifications

KP-561PN & KP-560PN & KP-560PN22 Pneumatic Stick Stapler

Wire Dia(mm)	Crown (mm)	Fastener Length (mm)	Weight (kg)	Operating Pressure(psi)	Fastener Capacity	LxWxH (mm)
1.9x0.9	32	15 & 18	1.88	70-90	120	406x103x210
2.39x0.9	35	15 & 18	1.88	70-90	120	406x103x210
1.9x0.9	32	22	1.88	70-90	120	406x103x214
2.39x0.9	35	22	1.88	70-90	120	406x103x214

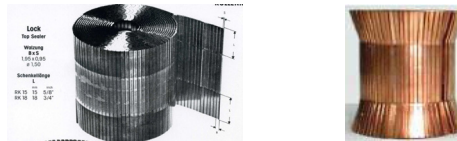
Staple Drawing:



KP-RCRR1 & KP-RC555 Pneumatic Roll Stapler

Wire Dia(mm)	Fastener Length (mm)	Weight (kg)	Operating Pressure(psi)	Fastener Capacity	LxWxH (mm)
1.9x0.9	15 & 18	1.92	70-90	1,000	235x104x205

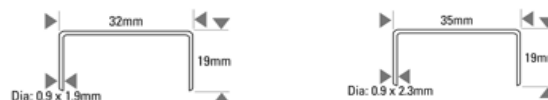
Staple Drawing:



KP-561M & KP-560M Manual Stick Stapler

Wire Dia(mm)	Crown (mm)	Fastener Length (mm)	Weight (kg)	Fastener Capacity	LxWxH (mm)
1.9x0.9	32	15 & 18	1.70	120	455x104x320
2.39x0.9	35	15 & 18	1.70	120	455x104x320
1.9x0.9	32	22	1.70	120	455x104x324
2.39x0.9	35	22	1.70	120	455x104x324

Staple Drawing:



Operation

Warning before operation



Warning: Disconnect the air supply from the tool and remove fastener strips. Operators and others in work area must wear safety glasses with side shields, which conform to ANSI Z87.1 specification.

Lubrication

It is important that the nailer be properly lubricated. Without proper lubrication, the nailer will not work properly and parts will wear prematurely.

- (1) Use the proper pneumatic tool lubricant. Do not use detergent oil or additives. These lubricants will harm the O-rings and other rubber parts. This will cause the nailer to malfunction.
- (2) Under low use, lubricate once a day. Under heavy use, lubricate twice a day.

Cold Weather Care

Do not store the nailer in a cold weather environment. Keep the nailer in a warm area until beginning the work. If the nailer is already cold, bring it in a warm area and allow the nailer to warm up before use. Use an air tool lubricant or permanent antifreeze as a cold weather lubricant in the air line.

Air Supply



Warning: Never use oxygen or other bottled gasses. Explosion may occur. Never use oxygen, combustible gases or any other bottled gasses as a power source for the nailer. Use only clean, dry and regulated compressed air.



Caution: All air line components must have a minimum working pressure rating of 150 PSI (10.3 BAR) or 150% of maximum system

potential, whichever is higher. Do not connect this tool to a system with maximum potential pressure greater than 200 PSI (13.7 BAR).

This tool is designed to operate on clean, dry, compressed air at regulate pressure between 60 and 90 PSI. Air pressure higher than 90 PSI could cause injury and property damage. The correct pressure is the lowest pressure that will do the job. The preferred system would include a filter, a pressure regulator, and an automatic oiler located as close to the tool as possible. All compressed air contains moisture and other contaminates that we detrimental to internal components of the tool. An air line filter will remove most of these contaminates and significantly prolong the life of the tool. If an in-line oiler is not available, place five or six drops of air tool oil into the tool's air inlet at the beginning of each workday. Under heavy use, lubricate twice a day.

Operation for pneumatic carton closer stapler

Depth of drive adjustment

The tool depth of drive adjustment is operated as follows: Start by adjusting the depth of stapling for deep clinching (—) and shallow clinching(=) as shown in the diagram A. User can adjust the depth using the setting knob. Depress the knob and turn it to the required position.

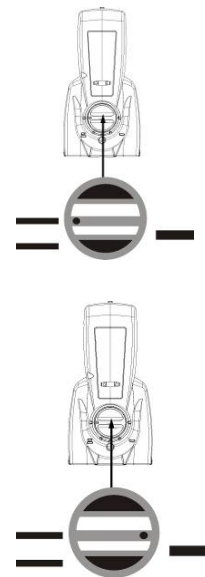


Diagram A

Staple length adjustment

First of all, user need to adjust the depth of drive to (=) position in order to see the diagram B (18mm and 15mm drawing). Use 2.5mm Allen wrench to loose locking screw (A). Then set the required staple length by using flat screwdriver. Tighten the locking screw back to (A).

Note: For tool which drive 22mm staple, it could only drive 22mm and will not be able to drive other length. So there is no depth of drive adjustment for tool which could only drive 22mm staple.

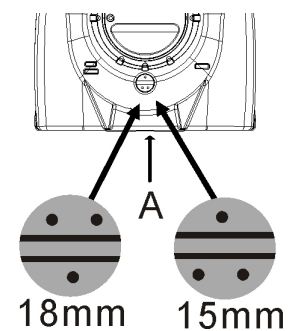


Diagram B

Adjust how tightly the staple is closed

User could adjust how tightly the staple is closed by turning the adjusting nut clockwise (A) to close the staple tightly and counterclockwise (B) to close it less tightly. Please see diagram C.

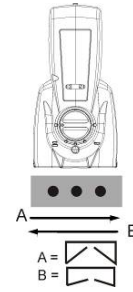
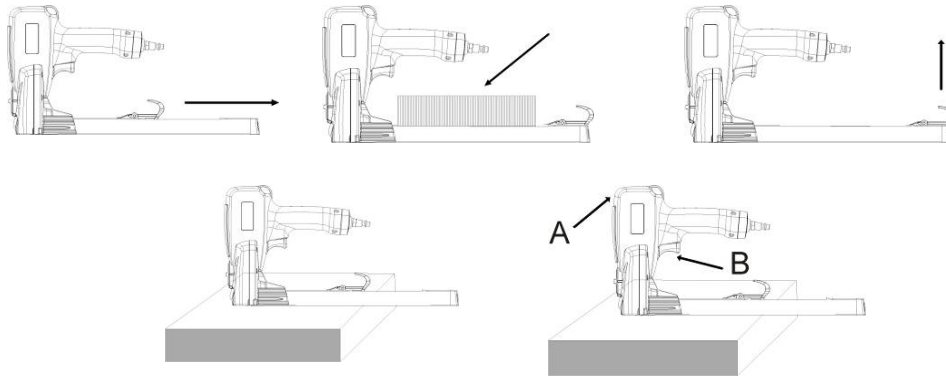


Diagram C

Tool Usage

1. Hold the pusher and pull the pusher back until it latches in the magazine.
2. Insert two strips of staples into the magazine.
3. Lift the pusher and release it forward until it is reaching the staple.
4. Hold the tool against the cardboard (A). Then pull the trigger (B).



Operation for pneumatic coil carton closer nailer

Depth of drive adjustment

The tool depth of drive adjustment is operated as follows: Start by adjusting the depth of stapling for deep clinching(—) and shallow clinching(=) as shown in the diagram A. User can adjust the depth using the setting knob. Depress the knob and turn it to the required position.

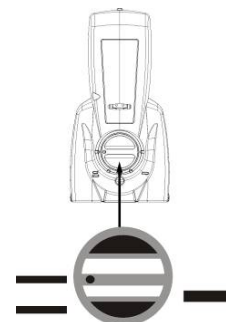


Diagram A

Coil staple nail length adjustment

First of all, user need to adjust the depth of drive to (=) position in order to see the diagram B (18mm and 15mm drawing). Use 2.5mm Allen wrench to loose locking screw. Then set the

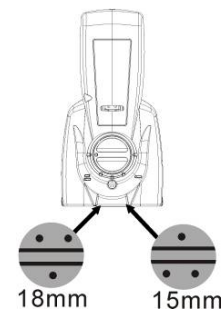


Diagram B

required staple length by using flat screwdriver. Tighten the locking screw back. At the same time user need to adjust the side guide in the magazine which is show as diagram C. Outer position is 18mm and internal position is 15mm. Loose four screws by using 2.5mm Allen wrench and then insert adjusting plate which enclosed in the box. There are two kinds of adjusting plate, one is for 15mm and another is for 18mm. Insert the required adjusting plate and tighten two side guides close to adjusting plate. Then tighten screw. Finally, take the adjusting plate out from the middle of two side guide.

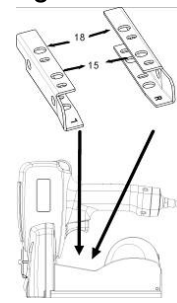


Diagram C

Adjust how tightly the coil staple is closed

User could adjust how tightly the staple is closed by turning the adjusting nut clockwise (A) to close the staple tightly and counterclockwise (B) to close it less tightly. Please see diagram D.

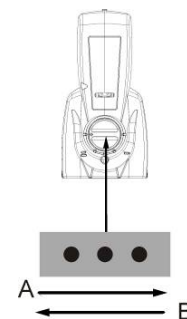
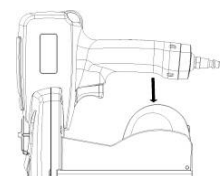
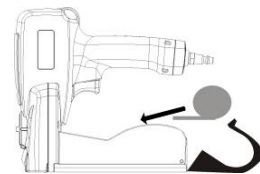
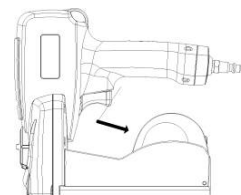


Diagram D

Tool Usage

1. Press the magazine cover back and release the latch. Lift the cover at the same time upwards and then backwards.
2. Feed the staple strip right up to the side guides and push it to the end of front nose. Use only the coil nail that shows on nail drawing section..
3. Close the cover with a slight push and press it downwards until the cover has reached locking position.
4. Place the tip of the tool against the box and press until the board is compressed.
5. Pull the trigger. The tool shall only be used for stapling cardboard material.



Operation for manual carton closer stapler

Depth of drive adjustment

The tool depth of drive adjustment is operated as follows: Start by adjusting the depth of stapling for deep clinching(—) and shallow clinching(=) as shown in the diagram A. User can adjust the depth using the setting knob. Depress the knob and turn it to the required position.

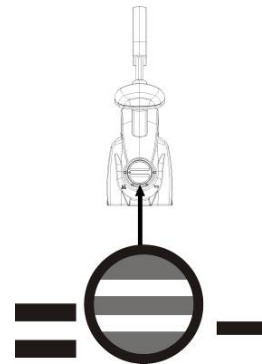


Diagram A

Staple length adjustment

First of all, user need to adjust the depth of drive to (=) position in order to see the diagram B (18mm and 15mm drawing). Use 2.5mm Allen wrench to loose locking screw (A). Then set the required staple length by using flat screwdriver. Tighten the locking screw back to (A).|

Note: For tool which drive 22mm staple, it could only drive 22mm and will not be able to drive other length. So there is no depth of drive adjustment for tool which could only drive 22mm staple.

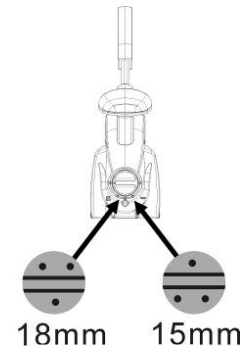


Diagram B

Adjust how tightly the staple is closed

User could adjust how tightly the staple is closed by using 3mm Allen wrench and turn the nut clockwise (A) to close the staple tightly and counterclockwise (B) to close it less tightly. Please see diagram C.|

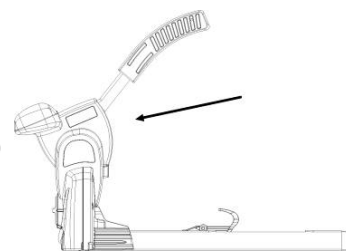
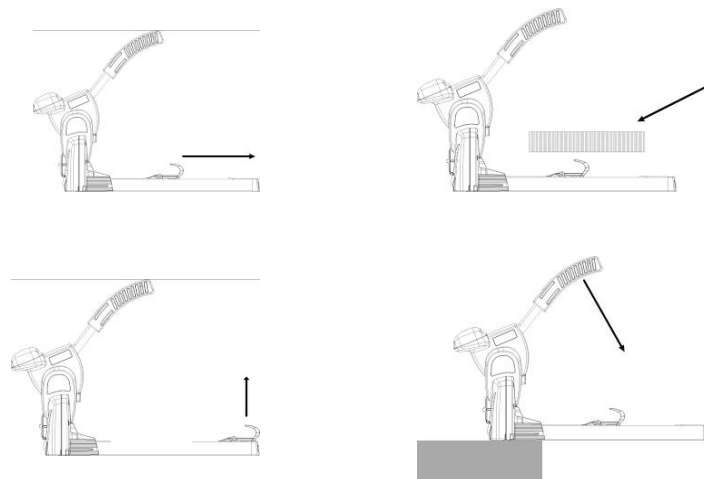


Diagram C

Tool Usage

1. Hold the pusher and pull the pusher back until it latches in the magazine.
2. Insert two strips of staples into the magazine.|
3. Lift the pusher and release it forward until it is reaching the staple.
4. Place the tip of the tool against the box and press until the board is compressed. Press the handle.



Maintenance

Clean and inspect daily



Warning: To reduce the risk of injury, use only identical replacement parts recommended by the manufacturer. Tool service must be performed only by qualified repair personnel. Always wear safety goggles or glasses with side shields when servicing tools. Disconnect tool from air supply before servicing. Wipe tool clean and inspect for wear or damage. Use non-flammable cleaning solutions to wipe exterior of tool only if necessary. Do not soak tool with cleaning solutions. Such solutions can damage internal parts. Inspect trigger and safety mechanism to assure system is complete and function properly: no loose or missing parts, no binding or sticking parts. Keep all screws tight. Loose screws can cause personal injury or damage tool. If tool is used without an in-line oiler, place 10 drops of air tool oil into the air inlet of the tool at the beginning of each work day. Under heavy use, lubricate twice a day.

Storing

When not in use for an extended period, apply a thin coat of the lubricant to the steel parts to avoid rust. Do not store the nailer in a cold weather environment. Keep nailer in a warm area. When not in use, the nailer should be stored in a warm and dry place. Keep out of reach from children.

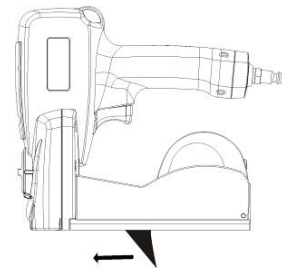
Troubleshooting

For pneumatic carton closer Stapler

1. Jamming: Always disconnect the tool from the air supply, empty the magazine and read the safety instruction section before you begin troubleshooting. Normally it is not necessary to dismantle any parts in order to remove a defective staple from the front nozzle plate. Grip the staple with a pair of flat pliers at the exit from the front nozzle plate. Carefully pull out the staple.
2. Air leaking: Check which o-ring leaks the air and then change to new o-ring.
3. Poor firing power: Check if there is any leakage and check if the tool sufficiently lubricated. Also check if the cylinder sleeve, piston sealing rings, driver blade tip, claw mechanism or claws damaged.
4. Not feeding: Check if user uses correct staple, if the driver blade return automatically, if the staple strip slide easily in the magazine, if the driver, claws or claw mechanism damaged, if the feeder or feeder spring damaged, if user change faulty components or if the staple rail damaged.

For pneumatic coil carton closer nailer

1. Jamming: Always disconnect the tool from the air supply, empty the magazine and read the safety instruction section before you begin troubleshooting. Normally it is not necessary to dismantle any parts in order to remove a defective staple from the front nozzle plate. Pull the locking device forward as shown on diagram A until the nozzle plate is opened. Catch the staple with a flat pliers and remove it carefully. Put the latch back to its original position in order to close nozzle plate.
2. Air leaking: Check which o-ring leaks the air and then change to new o-ring.
3. Poor firing power: Check if there is any leakage and check if the tool sufficiently lubricated. Also check if the cylinder sleeve, piston sealing rings, driver blade tip, claw mechanism or claws damaged.
4. Not feeding: Check if user uses correct staple, if the driver blade return automatically, if the staple strip slide easily in the magazine, if the driver, claws or claw mechanism damaged, if the feeder or feeder spring damaged, if user change faulty components or if the staple rail damaged.



For Manual carton closer stapler

1. Jamming: Empty the magazine and read the safety instruction section before you begin troubleshooting. Normally it is not necessary to dismantle any parts in order to remove a defective staple from the front nozzle plate. Grip the staple with a pair of flat pliers at the exit from the front nozzle plate. Carefully pull out the staple.
2. Poor firing power: Check if the tool sufficiently lubricated. Also check if the cylinder sleeve, piston sealing rings, driver blade tip, claw mechanism or claws damaged.
3. Not feeding: Check if user uses correct staple, if the driver blade return automatically, if the staple strip slide easily in the magazine, if the driver, claws or claw mechanism damaged, if the feeder or feeder spring damaged, if user change faulty components or if the staple rail damaged.