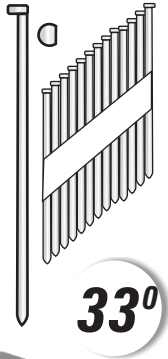


# SUREBONDER®

## Model 9773 Framing Nailer

Clipped Head  
Paper Tape  
2" - 3-1/2"



33°



### 33° Clipped Head 3-1/2" Framing Nailer

Includes: 3 Allen wrenches, open/closed end 8mm wrench & oil

## Operating Instructions

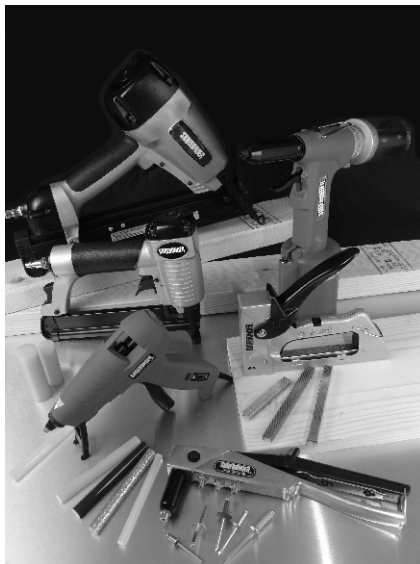
Read All Safety Rules and Instructions Carefully  
Save this manual for Future Reference

## WARRANTY

If you have any problems with this tool, please call FPC Corporation toll-free at 1-800-860-3838 before returning it to the place of purchase.

FPC Corporation warrants this product to be free from defects in material and workmanship, under normal conditions of use and when used in accordance with FPC operating instructions, for a period of 90 days from the date of purchase by the user. Within the 90 day warranty FPC at its option shall repair or replace product. Product must be returned at the distributor/user expense, either within warranty or out. Repaired or replaced product will receive a 60 day warranty. USER MUST BE USING THE PROPER NAILS FOR THIS WARRANTY TO BE VALID. WARRANTY IS VOID IF INCORRECT TYPE OF NAILS ARE USED.

Visit us at [surebonder.com](http://surebonder.com) for our full line of products



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**! DANGER**

Improper use of this nailer can result in death or serious injury. This manual contains important information about product safety. Read and understand this entire manual before operating this nailer

**IMPORTANT SAFETY WARNINGS:**

THE SAFETY WARNINGS BELOW CANNOT COVER ALL POSSIBLE SITUATIONS THAT MAY OCCUR. THESE BASIC SAFETY PRECAUTIONS SHOULD ALWAYS BE FOLLOWED TO PROTECT AGAINST PERSONAL INJURY TO THE OPERATOR OR OTHER PERSONNEL IN THE AREA, AS WELL AS DAMAGE TO THE EQUIPMENT. READ AND UNDERSTAND THESE WARNINGS BEFORE USING EQUIPMENT.

Keep tool away from children, and DO NOT allow children near work area. Do not allow children or untrained personnel to handle this nailer.

DO NOT operate this nailer while tired, or under the influence of drugs, alcohol, or medication that makes you drowsy.

Never point the nailer at yourself or others - always assume that the nailer is loaded, and proceed with caution.

Wear safety glasses and ear protection. The nailer operator and all personnel in the work area must wear safety glasses that protect the front and side, to avoid eye injury. Ear plugs should be worn to avoid hearing damage.

If operator will be working in a situation where overhead work will be done (i.e. on a ladder, stairs, or scaffolding) a hard hat must be worn.

Never wear loose clothing or jewelry because it can get caught in the moving parts of this nailer. Make sure long hair is covered, to avoid getting it caught in nailer.

Keep the nailer pointed away from yourself and others at all times. Keep hands and all body parts away from rear area of nailer (near air hose) to guard against injury. Keep hands and feet away from firing head during use.

Keep proper balance and footing at all times - do not over-reach.

Never use oxygen, bottled gas or any type of combustible fuel as a power source - it can cause an explosion and serious injury.

Do not use near flammable liquids or gases - the nailer sparks during operation, and could cause an explosion and serious injury.

Use an air hose that will withstand at least 150 psi, OR 150% of the maximum pressure of the compressor.

Never connect this tool to compressed air if the pressure could exceed 200 psi, as the nailer could burst. Use only clean, dry, regulated compressed air, with pressure not exceeding 100 psi.

Do not use a non-relieving coupler with this nailer - if used, the nailer could remain charged with air after disconnecting, and would still be able to drive a nail even after being disconnected. The nailer and air hose must have a coupling so that all pressure is removed from the nailer when the coupling is disconnected.

Do not depress the trigger or safety mechanism while loading nails - accidental firing of a nail can occur. Keep your fingers away from the trigger when not firing nails. Always keep the nailer pointed downward during loading.

Do not use an air hose that is too long - nailer operator can trip over it. Make sure all connections are tight.

(WARNINGS continued next page)

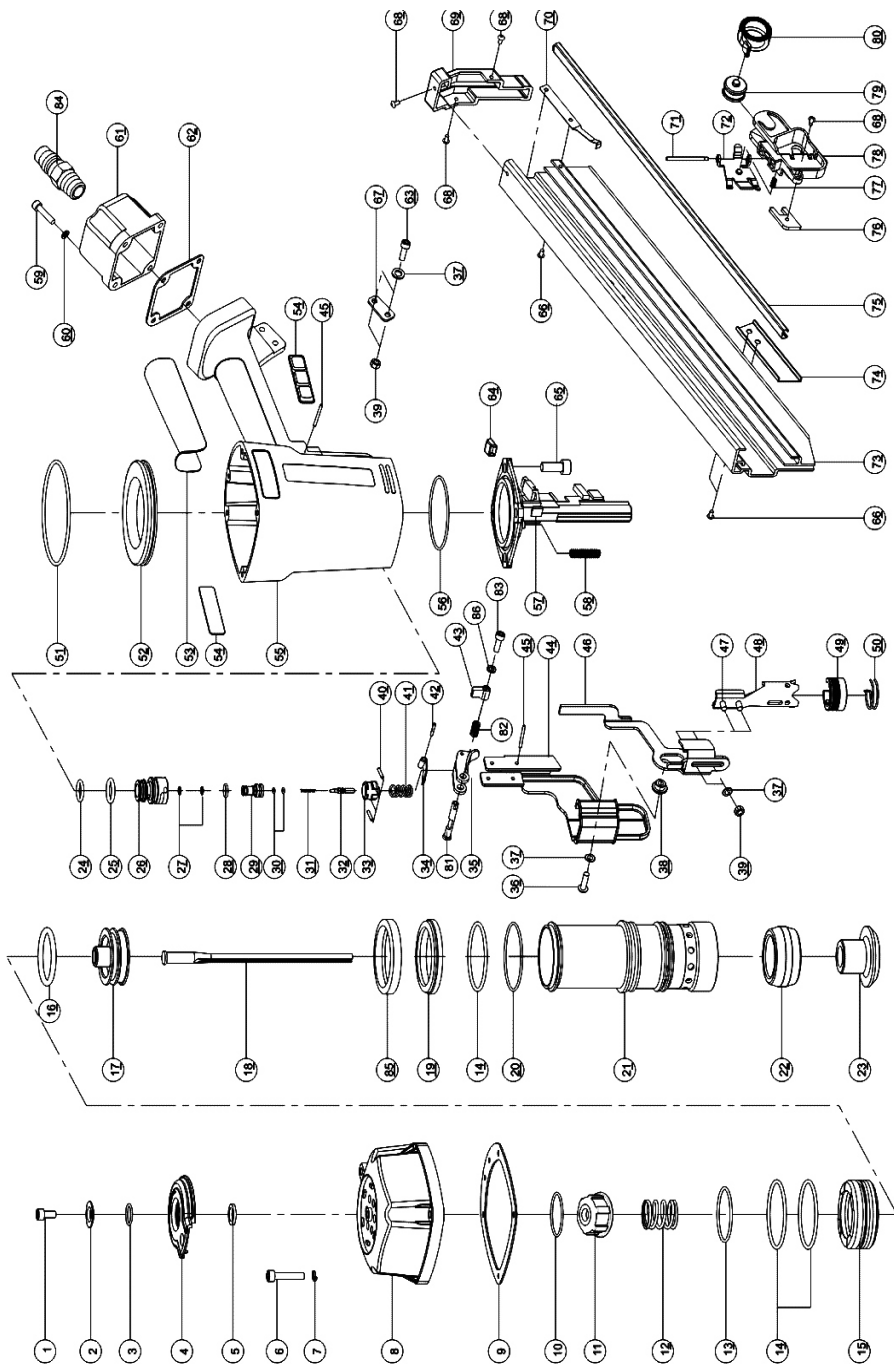
**9773 Parts List**

Seal Kit #9773-400	
Diagram No.	Description
3	O-RING 16*1.7
9	GASKET
13	O-RING 40*2.65
14	O-RING 56.7*2.9
16	O-RING 42.9*4.8
19	SEAL,AIR
20	O-RING 58*2
22	BUMPER(A)
23	BUMPER(B)
24	O-RING 16*1.8
25	O-RING 19*2.3
27	O-RING 56.6*1.8
28	O-RING 8*1.8
30	O-RING 2.3*1.4
33	SEAL,AIR
51	O-RING 89*2.9
56	O-RING 62.5*2
62	GASKET

Drive Pin Kit #9773-410	
Diagram No.	Description
16	O-RING 42.9*4.8
17	PISTON HEAD
18	DRIVER BLADE

Fastener Kit #9773-420	
Diagram No.	Description
1	SCREW 5*16
2	WASHER
5	WASHER
6	SCREW 6*35
7	WASHER
10	WASHER
12	SPRING
31	CONICAL SPRING
32	REMOTE CORE
34	RELEASING BLADE
36	SCREW 5*18
37	WASHER
39	NYLON NUT M5
40	PIN 3*14
41	SPRING
42	SPRING PIN 3*16
45	SPRING PIN 3*32
47	SCREW 5*12
50	SPRING PAD RETAINER
52	SPACER
54	WASHER
58	SPRING
59	SCREW 5*25
60	WASHER
63	SCREW 5*18
64	FEEDER SHOE STOP
65	SCREW 8*25
66	RIVET
68	RIVET
71	PIN
75	STEEL BAR
76	STOPPER
77	SPRING
80	SPRING
81	PIN
82	SPRING
83	SCREW 4*8
88	WASHER

PARTS SOLD SEPERATELY		
Dia. No.	Part No.	Description
4	9773-4	EXHAUST DEFLECTOR
8	9773-8	CAP
11	9773-11	PISTON RETAINER
15	9773-15	PISTON HEAD
21	9773-21	CYLINDER
26	9773-26	HOUSING LOWER REMOTE
29	977329	REMOTE HOUSING
35	9773-35	TRIGGER
38	9773-38	BUSHING
44	9773-44	SAFETY COVER
46	9773-46	CATCH SUPPORT(B)
48	9773-48	CATCH SUPPORT(A)
49	9773-49	NO MAR PAD
53	9773-53	GRIP
55	9773-55	BODY
57	9773-57	GUIDE BODY
61	9773-61	TAIL COVER
67	9773-67	MAGAZINE SUPPORT
69	9773-69	TAIL COVER
70	9773-70	RELEASING BLADE
72	9773-72	FEEDER CLIP
73	9773-73	MAGAZINE
74	9773-74	MAGAZINE GASKET
78	9773-78	PUSHER
79	9773-79	ROLLER
84	9773-84	AIR PLUG
85	9773-85	COLLAR
43	9773-83	TRIGGER
<b>Kits Available-on <a href="http://www.surebonder.com">www.surebonder.com</a></b>		
		9773-400 Seal Kit
		9773-410 Drive Pin Kit
		9773-420 Fastener Kit



## IMPORTANT SAFETY WARNINGS: continued

### Disconnect air hose from nailer:

before performing maintenance.  
 when clearing a jam.  
 when tool is not in use.  
 when moving it to another location.  
 when handing nailer to another person.

DO NOT place finger on trigger when disconnecting air hose - the nailer could fire when reconnected to the air supply.

Carry nailer by the handle only, not by the air hose.

Do not drive nails close to the edge of the workpiece. It could split, allowing a nail to fly or ricochet and causing personal injury. Do not try to drive nails at too steep an angle. Make sure nailer is held firmly during firing to minimize recoil.

Do not drive a nail into very hard material, thin material, or on top of an existing nail - the nail could ricochet, causing personal injury.

Never use the nailer if it is leaking air, the contact safety mechanism is not working, nailer has missing or damaged parts, or requires repair. Make sure all screws and caps are securely tightened.

Inspect the nailer before each use to insure that the trigger, safety mechanism, and spring are operating properly. Lock the nailer in a clean, dry storage area between uses.

Only use parts, nails, and accessories supplied or recommended by FPC Corporation. Unauthorized parts or fasteners can lead to malfunction and serious injury. Only personnel trained by FPC Corporation or the distributor shall repair the product. Do not modify this tool in any way.

Never use in presence of flammable liquids or gases. The nailer produces sparks during operation.

Never use the nailer in sites containing lacquer, paint, benzene, thinner, gasoline, gases, adhesive agents, and other materials which are combustible or explosive.

Check for live wires. Avoid the risk of electrical shock by checking for live wires that may be hidden by walls, floors, or ceilings. Turn off the breaker switch pertaining to that work area.

Do not store the nailer in a cold weather environment. Keep the nailer in a warm area until the start of work. If it is in a cold area, bring it in a warm area and allow it to warm up before use.

Manufacturer assumes no responsibility for consequential or indirect damages from the use of this product.

## Save this manual and have it available for tool operators reference!

### California Proposition 65

You can create dust when you cut, sand, drill or grind materials such as: wood, paint, metal, concrete, cement, or other masonry. This dust often contains chemicals known to cause cancer, birth defects or other reproductive harm. Wear protective gear.

## APPLICATIONS

Including but not limited to: Framing, Siding, Decking, Fencing, Sidewall Sheathing, Subflooring, Trusses, Sheathing, Crates, Pallets, Pallet Repair.

## FEATURES

- Adjustable Exhaust
- Bump Fire and Sequential Fire operation
- Soft Grip handle reduces fatigue
- Sawtooth Safety that digs in for Precision Toe Nailing
- Contact safety mechanism - for safe operation
- Protective tip prevents surface damage
- Fast easy loading

## AIR SUPPLY



**NEVER use oxygen or other bottled gases. Explosion may occur.**

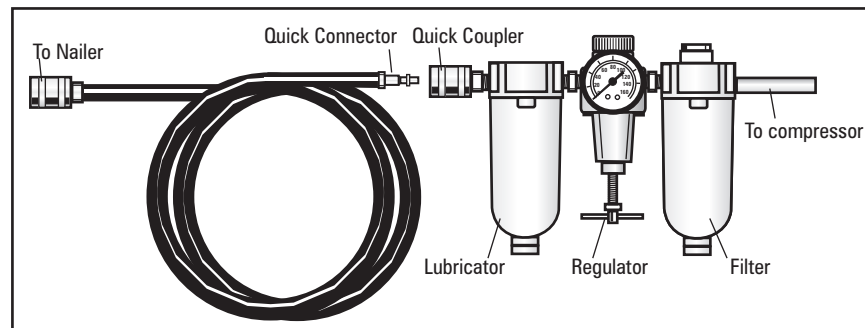
This nailer is designed to operate on clean, dry, regulated compressed air, between 60 and 100 psi. It is preferable to include an air filter, pressure regulator, and automatic oiler within 15 feet of the tool, if possible.

An air filter is needed to remove contaminants and moisture that are contained in compressed air; filtering will significantly prolong the life of the tool. **Important:** If an automatic oiler is not installed, place 2 to 3 drops of oil into the tool's air inlet twice a day or after using 2 to 3 strips of nails. Do not install a quick coupler directly into the tool. Higher pressure drastically reduces tool life.

The nailer comes factory-equipped with a male quick connector. The nailer must always be connected to the air supply with a coupling that removes all pressure when it is disconnected.

**NOTE:** all components used with this nailer (air hose, connectors, regulators, filters, etc) must be rated at 120 psi, OR 120% of the maximum compressor potential, whichever is higher. Do not connect this nailer to a system with maximum potential air pressure greater than 200 psi.

## AIR CONNECTION SET UP



## Inspecting the magazine

**Disconnect the air hose.** Keep magazine and nose of tool clean and free of any dirt, lint or abrasive particles. Clean the magazine by removing plastic tips or wood chips which may have accumulated in the magazine. **Lubricate it with pneumatic tool lubricant.**

## Storing

**When not in use for an extended period of time apply a thin coat of pneumatic tool lubricant to the steel parts in order to avoid rust.** Do not store the nailer in a cold weather environment. Keep the nailer in a warm and dry place.

## Troubleshooting

The following form lists the common operating system with problems and solutions. Please read the form carefully and follow it.

**WARNING:** If any of the following symptoms appears during your operation, stop using the tool immediately, or serious personal injury could result. Only a qualified persons or an authorized service center can perform repairs or replacement of tool. Disconnect tool from air supply before attempting repair or adjustment. **When replacing O-rings or cylinder, lubricate with air tool oil before assembly.**

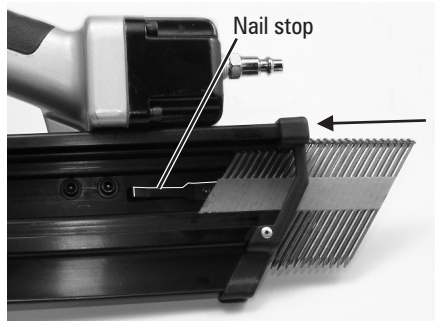
Problem	Check	Correction
Nailer operates but no nail is driven.	Check for jam	Clear a nail jam.
	Check feeder function	Clean and lubricate.
	Ribbon spring damaged or weak?	Replace ribbon spring.
	Check for proper nails	Use correct nails.
Week drive. Slow to cycle.	Check air pressure	Increase air pressure. Do not exceed 120 psi. Use pneumatic oil.
	Drive blade worn?	Purchase Drive Pin Kit # 9773-410.
	Piston O-ring worn or damaged?	Purchase Seal Kit # 9773-400.
Drives too deep.	Check air pressure.	Reduce air pressure 60-100 psi.
Skipping nails, Intermittent feed.	Check for proper nails.	Use only recommended nails.
	Check nail feeder function	Clean and lubricate.
	Ribbon spring worn or damaged?	Replace ribbon spring. Use pneumatic oil.
	Piston O-ring cut or worn out?	Purchase Seal Kit #9773-400.
Nails jam, Driven nail is bent	Drive blade worn?	Purchase Drive Pin Kit #9773-410.
Drives properly at normal speed but does not drive fully drive at faster nailing speed.	Check inside hose diameter.	Use larger air hose.



## Loading Nails (continued)

### To load:

Insert strip of nails into rear of magazine. Do not load with contact safety mechanism or trigger depressed. Slide nail strip towards the front of the magazine, making sure strip is past the nail stop. Pull feeder shoe completely behind the nail strip. Release the latch and the nail strip will be pushed to the front of the magazine.



**Note:** Use nail strip with at least 5 nails remaining. This tool is equipped with a lockout feature that prevents firing if the magazine is empty. The lockout feature is activated when the magazine is empty and the trigger is depressed. The lockout feature is deactivated when the magazine is full and the trigger is depressed.

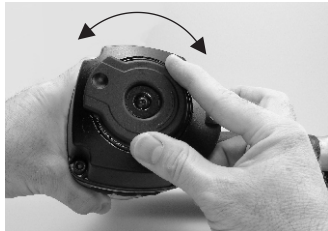


Nails Loaded



Latch

**To remove fasteners:** Depress the latch and release the feeder shoe and slide it forward. Remove fasteners from the tool.



### Exhaust Deflector

Exhaust deflector can be positioned to point in any 360 direction. Reposition deflector by grasping firmly and rotating to the desired position.



### Depth Adjustment

Using wrench provided, adjust the safety element to achieve desired depth.

## OPERATION

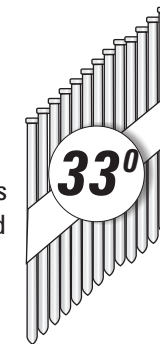


## SPECIFICATIONS

Overall Dimensions: 18.11" x 14.6" x 3.94"  
 Capacity: 75 nails.  
 Nail Length: 2.9-7.1mm (2"-3 1/2")  
 Nail size: .113"(2.9mm) - .131"(3.3mm)  
 Operating Pressure: 80 - 100 PSI  
 Air Inlet Size: 1/4" N.P.T  
 Weight of Tool: 8.27 lbs.

## NAIL SELECTION

Use SUREBONDER 750 Series 33° Clipped Head Framing Nails or most 33° paper tape collated nails 2" to 3-1/2".



Min	Max
0.266" (6.8mm)	0.28" (7.1mm)
min. 2" (50 mm)	max. 3-1/2" (90 mm)
.113 (2.9mm)	.131 (3.3mm)

## Mode of Operation

This nailer is equipped with a contact safety mechanism and does not operate unless the contact mechanism is depressed. There are two methods of operation to drive nails with this nailer. They are: 1) Intermittent operation (Trigger fire → ). This mode will drive a nail each time the trigger is pressed and the contact mechanism is in contact with the nailing surface. 2) Continuous Operation (Bump Fire ≡ ). This mode will drive a nail each time the contact mechanism is pushed while the trigger is pulled and held.

### Intermittent Operation

Set the bump/sequential switch to Intermittent operation (Trigger fire → ). Push switch in and then down. Position the nail outlet on the workpiece with finger off the trigger. Depress the contact mechanism firmly until it is completely depressed, then pull the trigger to drive a nail. After each nail is driven, completely release the trigger and lift the nailer off the workpiece. To drive another nail, move the nailer along the workpiece and repeat this procedure.

### Continuous Operation

Set the bump/sequential switch to Continuous operation (Bump Fire ≡ ). Push switch in and then up. Pull trigger with nailer off workpiece. Depress the contact mechanism firmly until it is completely depressed to drive a nail. Move the nailer along the workpiece in a bouncing motion. Each time the contact mechanism is fully depressed a nail will be driven.

### In order to avoid double fire:

- Do not push nailer on workpiece with strong force.
- Take nailer away from workpiece using recoil.
- Release trigger quickly when performing trigger fire.
- Do not drive nails into thin boards or near corners and edges of work piece.
- Nails can be driven through or away from workpiece and hit someone.
- Never drive nails from both sides of a wall at the same time. Nails can be driven into and through the wall and hit a person on the opposite side.
- Never use nailer which is defective or operating abnormally.
- Do not use nailer as a hammer.

## MAINTENANCE

### Lubrication

**It is important that the nailer be properly lubricated. Without proper lubrication the nailer will not work properly and parts will wear prematurely. Use 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. Filter-regulator-lubricator units should always be used. **Keep the lubricator filled with pneumatic tool lubricant. If a lubricator is unavailable supply 2 - 3 drops of pneumatic tool lubricant into the air plug on the nailer twice a day.**

### Cold Weather Care

Do not store the nailer in a cold weather environment. If the nailer is cold bring the nailer into a warm area and allow to warm up before use. To warm the nailer: Reduce the air pressure to 40 psi ( 2.8bar 2.8kgf/cm<sup>2</sup>). Remove all nails from the nailer. Connect the air hose and blank-fire the nailer. The lowered air pressure will be enough to blank-fire the nailer. Slow speed operation of the nailer tends to warm the moving parts.

## Adjusting Air Pressure



**WARNING**

Do not exceed 120 psi. Adjust the air pressure at recommended operating pressure 60 to 100 psi according to the length of nails and the hardness of the workpiece.

The correct air pressure is the lowest pressure which will do the job. Using the Nailer at a higher than required air pressure unnecessarily over stresses the Nailer.

## Testing The Nailer



**DANGER**



ANSI Z87.1

Operators and all others within the work area must wear safety glasses with side shields conforming to ANSI Z87.1 specifications.

Before actually using the nailer test the nailer using the checklist below.

**Disconnect air hose connection from the nailer. Remove all nails for the nailer.**

- 1) Pull the trigger and push the contact safety mechanism.  
THE CONTACT SAFETY MECHANISM AND TRIGGER MUST MOVE FREELY.
- 2) Adjust the air pressure to 60 psi (4.9 bars 5 kgf/cm<sup>2</sup>).  
Connect air hose.  
**DO NOT LOAD NAILS IN THE NAILER.**  
THE NAILER MUST NOT LEAK AIR.
- 3) Hold the Nailer downward without touching the workpiece with the contact safety mechanism.  
Pull and hold the trigger for 5 seconds or longer.  
THE NAILER MUST NOT OPERATE.
- 4) Remove your finger from the trigger and press the contact safety mechanism to the workpiece.  
THE NAILER MUST NOT OPERATE.
- 5) If no abnormal operation is observed, you may load nails in the Nailer. If abnormal operation occurs, stop using the nailer and contact the service center immediately.

## Loading Nails



**WARNING**

**When loading nails into Nailer:**

**Disconnect tool from compressed air supply.**

**Do not depress trigger.**

**Do not depress the contact safety mechanism.**

**Keep Nailer pointed downward.**