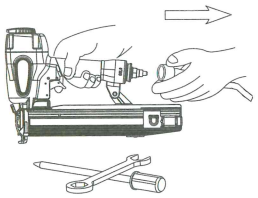
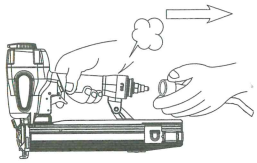


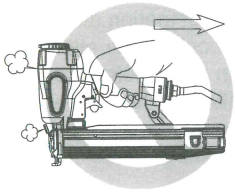
- Air hose rated for a maximum operating pressure of 150 psi (10.3 bar) or 150% of the maximum system pressure, whichever, is higher.



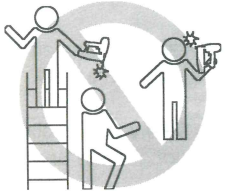
- Disconnect tool from air supply and remove fasteners from magazine before doing tool maintenance, clearing a jammed fastener, leaving work area, moving tool to another location, or handing the tool to another person.



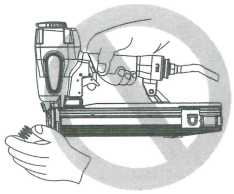
- Coupling must be used which removed all pressure from the tool when the coupling joint is disconnected.



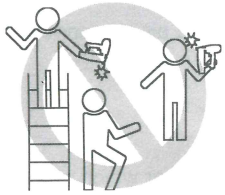
- Never use tool that is leaking air, has damaged or missing parts.



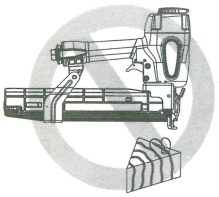
- Never point the tools at co-workers or yourself at any time . Never carry the tool from place to place holding the trigger.



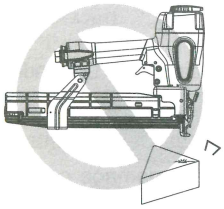
- Do not alter or modify this tool from the original design or function without approval from us or authorized representatives. Do not remove spring from contact trip, inadvertent actuation could occur.



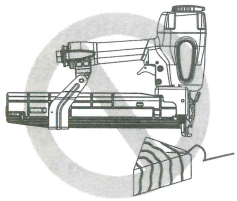
- Always maintain proper footing and place yourself in a firmly balance position when using or handling the tool.



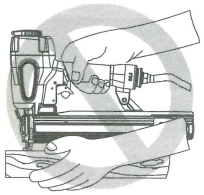
- Do not drive fasteners on top of other fasteners, the fasteners can ricochet and hurt someone.



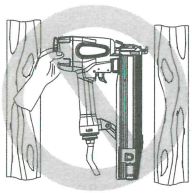
- Never use the body of the tool or top cap as a hammer, always use the tool for its intended use. Do not discharge fasteners into concrete, stone, or any material too hard for the fastener to penetrate.



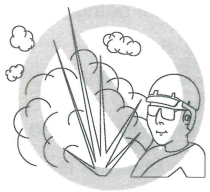
- Do not drive fasteners close to the edge of the work surface. The workpiece maysplit causing the fastener to ricochet, fly free or hit someone.



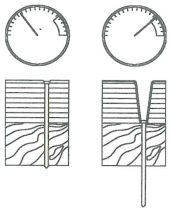
- Keep hands and body away from the discharge area of the tool.



- Keep face and body away from back of the tool cap when working in restricted areas. Sudden recoil can result in hard impact to the body.

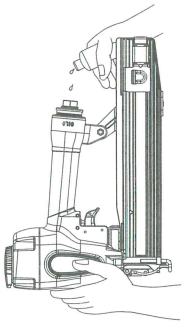


- Never use tool in the presence of flammable dust, gases or fumes. The tool may produce a spark that could ignite gases causing a fire and cause the tool to explode.



- Be aware of material thickness when using the nailer.

LUBRICATION AND MAINTENANCE

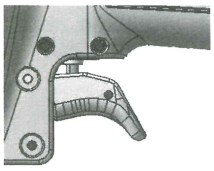


- Use Pneumatic tool oil or a non-detergent oil. Do not use detergent oil or additives as they will damage o-rings and rubber parts.
- Use a filter and regulator when possible
- Add pneumatic oil into the air inlet twice daily. (Depending on frequency of tool use)
- Wipe tool clean daily and inspect for wear. Use solvents only if necessary - Do Not Soak. (Solvents may damage o-rings and other tool parts)
- Drain compressor tanks and hoses daily
- Clean magazine, pusher, and contact trip mechanism periodically.
- All screws, nuts and fasteners should be kept tight and undamaged. Loose screws result in unsafe operation and parts breakage.

ACTUATING TOOL

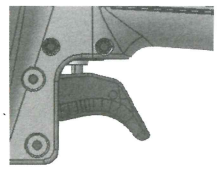
⚠***WARNING:*** *Always wear eye and hearing protection when operating tool.*

The tool can be actuated using either of "Sequential Fire" or "Bump Fire".



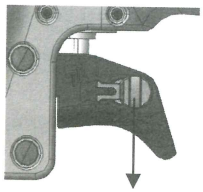
- **Sequential Fire Trigger (Gray Color)**

1. With your finger off the trigger, then hold the safety nose FULLY against the work surface of the material the fastener is being driven into.
2. Pull the trigger firing a fastener into the material.
3. The tool will not fire again until the trigger is release and the safety is removed completely from the material being used.
4. To fire the next fastener repeats the above steps.



- **Bump Fire Trigger (Black Color)**

1. With your finger pulling the trigger, press the safety all the way down on the surface of the material the fastener is being driven into.
2. This will result in a fastener being driven into the material.
3. To fire another round raise the safety completely off the material and repeat the above steps.



Forward
"Bump"

Backward
"Sequential"

● **Switchable Trigger (Black Color)**

1. Push the button forward at both side of trigger to set up for bump fire.
2. Push the button backward at both side of trigger to set up for sequential fire.

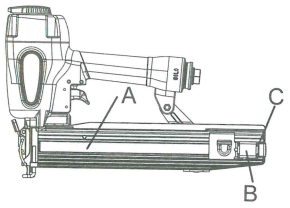
OPERATING THE TOOL

Read Safety Instruction section of this manual.

LOADING THE TOOL:

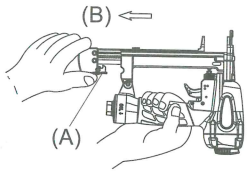
⚠***WARNING:*** *Always connect air before loading the tool.*

(1) Top loading

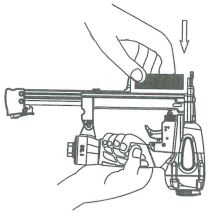


1. Pull pusher (B) back into "locked" (C) position.
2. Lay strip of staples onto rail of magazine (A).
   Do not load with safety or trigger depressed.
3. Tap pusher and allow to slide forward.

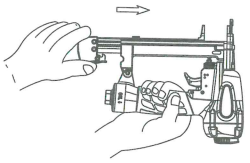
(2) Bottom loading



1. Press the latch(A) downwards, and pull the magazine cover(B) backwards.



2. When filling the magazine, hold the tool so that the nose is not pointing towards own body or towards any other person. Do not load the tool with nails with the safety trip or trigger depressed



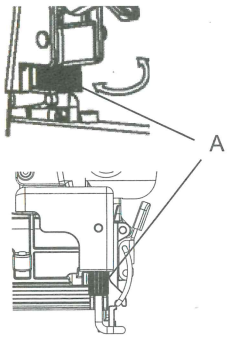
3. Load the nails and slide the magazine cover forward as far as the position where it gets locked.

ADJUSTING DEPTH:

The depth that the fastener is driven can be adjusted using the depth adjustment next to the trigger of the tool.

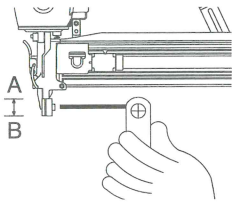
⚠***WARNING:*** *To reduce risk of serious injury from accidental actuation when attempting to adjust depth, ALWAYS;*

(1) Depth-adjustment



1. To drive the nail shallower, turn the wheel(A) to right to the extent desired.
2. To drive a nail deeper, turn the wheel(A) to left to the extent desired.
3. Make sure that the trigger and safety move freely up and down without binding or sticking after each adjustment.

(2) Depth-adjustment: For SF16851H5, SF16951B2 only

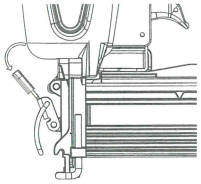


1. To disconnect air supply before depth adjustment.
2. To loosen the screw and slide the lower safety element up(A) (to sink the stape deeper) or down (B) (to drive the staple shallower) and lock in place by tightening the screw.
3. Make sure that safety element move freely after each adjustment.

CLEARING A JAMMED NAIL:

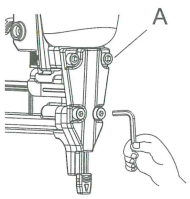
Should a nail jam occur, keep the tool pointed away from you and follow these instructions to clear.

(1) Jammed release



1. Disconnect air supply from tool.
2. Remove fasteners from the tool.
3. Release E-Z clear latch and open door.
4. Remove jammed fastener. Close door and latch
5. Connect air supply and replace fasteners.

(2) Jammed release: For SF9025L1 only

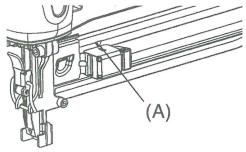


1. Disconnect air supply from tool.
2. Remove fasteners from the tool.
3. Use Allen wrench to loose four screws (A) and open the door.
4. Remove jammed fastener. Close the door and tighten the screws.
5. Connect air supply and replace fasteners.

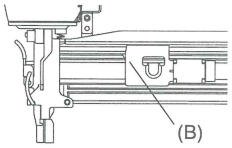
STAPLE INDICATOR:

For SF16851H5, SF16951B2 only

Triangle indicator allows the user to quickly and easily aware when it is time to reload.



(A) 10pcs of staples remained.



(B) 50pcs of staples remained.



" Do not use on scaffoldings, ladders" ,
and shall not be used for specific application:

- When changing one driving location to another involves the use of scaffoldings, stairs, ladders, or ladder alike constructions, e.g. roof laths.
- Closing boxes or crates.
- Fitting transportation safety systems e.g. on vehicles and wagons

OPERATION IN COLD WEATHER

When operating tools at temperatures near and below freezing, the moisture in the air line may freeze and prevent tool operation. :

1. Reduce the air pressure to 80 psi (5.5 bar) or less.
2. Removed all fasteners from magazine.
3. Connect air and free-fire (blank-fire) the tool. Slow speed operation tends to worm up the moving part.

⚠ ***CAUTION:*** *Do not store the tool in a cold weather environment to prevent frost or ice formation the tools operating valves and mechanisms that could cause tool failure.*

OPERATION IN HOT WEATHER

Keep tool out of direct sunlight as excessive heat can deteriorate bumpers, o-rings and other rubber parts resulting in increased maintenance.

TROUBLESHOOTING GUIDE

⚠***WARNING:*** *Disconnect air from tool before all repairs!*

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	CORRECTIVE ACTION
Trigger valve leaks air	O-rings in trigger valve housing are damaged.	Replace o-ring
Frame and nose leaks air	Loose nose screws.	Tighten screws and recheck
	Damaged o-rings or gasket	Replace o-ring or gasket
	Bumper cracked/worn	Replace bumper
Frame and cap leaks air	Loose cap screws	Tighten screws and recheck
	Damaged seal or gasket	Replace seal or gasket
Skipping fasteners, intermittent feed	Worn bumper	Replace bumper
	Dirt in nose	Clean
	Dirty/dry magazine	Clean/lubricate use pneumatic tool oil
	Damaged magazine	Replace magazine
	Air restriction/inadequate air flow	Fitting hose or air compressor needs to be checked
	Worn o-ring on piston or lack of lubrication	Replace o-ring. Lubricate.
	Trigger valve o-ring cut/worn	Replace o-ring
	Leaking cap gasket	Tighten screw, replace gasket
	Worn/ damaged pusher spring	Replace spring
	Broken and damaged driver blade	Replace driver blade
	Fasteners too short or wrong size for tool	Use recommended fasteners only
	Bent fasteners	Discontinue using these fasteners
	Air leaks	Tighten screws and fittings
Lack of power, sluggish	Low air pressure	Check air supply
	Lack of lubrication	Use pneumatic tool lubricant
	Damaged or worn o-ring/seal	Replace o-ring/seal
	Exhaust blocked	Check bumper, head valve spring
Fasteners jam in tool	Driver channel worn	Replace nose/check door
	Wrong size fasteners	Use recommended fasteners only
	Bent fasteners	Discontinue using these fasteners
	Broken and damaged driver blade	Replace drive blade
	Loose magazine, nose screws	Tighten all screws