

MAINTAINING THE TOOL

WARNING: When working on air tools note the warnings in this manual and use extra care when evaluating problem tools.

N75C TOOL SPECIFICATIONS

All screws and nuts are metric.

MODEL	TOOL ACTUATION	LENGTH	HEIGHT	WIDTH	WEIGHT
N75C-1	Contact Trip	10-3/8" (263.5mm)	14-1/4" (362.0mm)	4-7/8" (123.8mm)	5.42 lb. (2.46 kg)
N75C-2	Sequential Trip	10-3/8" (263.5mm)	14-1/4" (362.0mm)	4-7/8" (123.8mm)	5.42 lb. (2.46 kg)

FASTENER SPECIFICATIONS:

This tool will accept plastic and wire collated coil nails in lengths of 1-1/2" to 3" (38 - 75mm) and shank diameters of .090" to .131" (2.3mm to 3.3mm).

TOOL AIR FITTING:

This tool uses a free-flow connector plug, 1/4" N.P.T. The minimum inside diameter should be .200" (5mm). The fitting must be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING PRESSURE:

70 to 120 p.s.i.g. (4.8 to 8.3 kg/cm²). Select the operating pressure within this range for best fastener performance.

DO NOT EXCEED THE RECOMMENDED OPERATING PRESSURE.

AIR CONSUMPTION:

The N75C requires 5.40 cubic feet per minute (153 m³) of free air to operate at the rate of 100 nails per minute, at 80 p.s.i. (5.62 kg/cm²). Take the actual rate at which the tool will be run to determine the amount of air required. For instance, if your fastener usage averages 50 nails per minute, you need 50% of the tool's c.f.m. which is required to operate the tool at 100 nails per minute.

OPERATION

BOSTITCH OFFERS TWO TYPES OF OPERATION FOR THIS SERIES TOOL.

CONTACT TRIP:

The common operating procedure on "Contact Trip" tools is for the operator to contact the work to actuate the trip mechanism while keeping the trigger pulled, thus driving a fastener each time the work is contacted. This will allow rapid fastener placement on many jobs, such as sheathing, decking and pallet assembly. All pneumatic tools are subject to recoil when driving fasteners. The tool may bounce, releasing the trip, and if unintentionally allowed to recontact the work surface with the trigger still actuated (finger still holding trigger pulled) an unwanted second fastener will be driven.

SEQUENTIAL TRIP:

The Sequential Trip requires the operator to hold the tool against the work before pulling the trigger. This makes accurate fastener placement easier, for instance on framing, toe nailing and crating applications. The Sequential Trip allows exact fastener location without the possibility of driving a second fastener on recoil, as described under "Contact Trip". The Sequential Trip Tool has a positive safety advantage because it will not accidentally drive a fastener if the tool is contacted against the work – or anything else – while the operator is holding the trigger pulled.

MODEL IDENTIFICATION:

Refer to Operation Instructions on page 8 before proceeding to use this tool.

CONTACT TRIP
Identified by:
BLACK TRIGGER



SEQUENTIAL TRIP
Identified by:
GRAY TRIGGER



AIR SUPPLY AND CONNECTIONS

WARNING: Do not use oxygen, combustible gases, or bottled gases as a power source for this tool as tool may explode, possibly causing injury.

FITTINGS:

Install a male plug on the tool which is free flowing and which will release air pressure from the tool when disconnected from the supply source.

HOSES:

Air hoses should have a minimum of 150 p.s.i. (10.6 kg/cm²) working pressure rating or 150 percent of the maximum pressure that could be produced in the air system. The supply hose should contain a fitting that will provide "quick disconnecting" from the male plug on the tool.

SUPPLY SOURCE:

Use only clean regulated compressed air as a power source for this tool. NEVER USE OXYGEN, COMBUSTIBLE GASES, OR BOTTLED GASES, AS A POWER SOURCE FOR THIS TOOL AS TOOL MAY EXPLODE.

REGULATOR:

A pressure regulator with an operating pressure of 0 - 125 p.s.i. (0 - 8.79 kg/cm²) is required to control the operating pressure for safe operation of this tool. Do not connect this tool to air pressure which can potentially exceed 200 p.s.i. (14 kg/cm²) as tool may fracture or burst, possibly causing injury.

OPERATING PRESSURE:

Do not exceed recommended maximum operating pressure as tool wear will be greatly increased. The air supply must be capable of maintaining the operating pressure at the tool. Pressure drops in the air supply can reduce the tool's driving power. Refer to "TOOL SPECIFICATIONS" for setting the correct operating pressure for the tool.

FILTER:

Dirt and water in the air supply are major causes of wear in pneumatic tools. A filter will help to get the best performance and minimum wear from the tool. The filter must have adequate flow capacity for the specific installation. The filter has to be kept clean to be effective in providing clean compressed air to the tool. Consult the manufacturer's instructions on proper maintenance of your filter. A dirty and clogged filter will cause a pressure drop which will reduce the tool's performance.

LUBRICATION

Frequent, but not excessive, lubrication is required for best performance. Oil added through the air line connection will lubricate the internal parts. Use BOSTITCH Air Tool Lubricant, Mobil Velocite #10, or equivalent. Do not use detergent oil or additives as these lubricants will cause accelerated wear to the seals and bumpers in the tool, resulting in poor tool performance and frequent tool maintenance.

If no airline lubricator is used, add oil during use into the air fitting on the tool once or twice a day. Only a few drops of oil at a time is necessary. Too much oil will only collect inside the tool and will be noticeable in the exhaust cycle.

COLD WEATHER OPERATION:

For cold weather operation, near and below freezing, the moisture in the air line may freeze and prevent tool operation. We recommend the use of BOSTITCH WINTER FORMULA air tool lubricant or permanent antifreeze (ethylene glycol) as a cold weather lubricant.

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

NOTE: Some commercial air line drying liquids are harmful to "O"-rings and seals – do not use these low temperature air dryers without checking compatibility.

LOADING THE N75C

WARNING: EYE PROTECTION which conforms to ANSI 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. Eye protection is required to guard against flying fasteners and debris, which could cause severe eye injury.



The employer and/or user must ensure that proper eye protection is worn. Eye protection equipment must conform to the requirements of the American National Standards Institute, ANSI Z87.1 and provide both frontal and side protection. NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.

WARNING: TO PREVENT ACCIDENTAL INJURIES:

- Never place a hand or any other part of the body in nail discharge area of tool while the air supply is connected.
- Never point the tool at anyone else.
- Never engage in horseplay.
- Never pull the trigger unless nose is directed at the work.
- Always handle the tool with care.
- Do not pull the trigger or depress the trip mechanism while loading the tool.

1. Open the magazine:
Pull down door latch and swing door/magazine cover outward. Fig.A

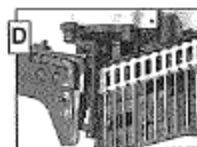
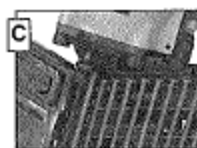
2. Check Adjustment:
The nailer must be set for the length of nail to be used. Nails will not feed smoothly if the magazine is not correctly adjusted. The magazine contains an adjustable nail platform on which the nail coil rests. The nail platform can be moved up and down to four nail settings. To change setting twist the post and place into the correct step. Fig.B
1-1/2" (38mm) nails - use 1st step
1-3/4" - 2" (45-50mm) nails - use 2nd step
2-1/4" - 2-3/8" (55-60mm) nails - use 3rd step
2-1/2" - 3" (65-75mm) nails - use 4th step

3. Load the coil of nails:
Place the coil of nails over the post in the magazine. Uncoil enough nails to reach the feed pawl. Place the first nail in front of the front tooth on the feed pawl, in the finger channel. The nail heads must be in the slot in the nose. Fig. C and Fig. D

NOTE: Use only nails recommended by Bostitch for N75C series nailers or nails which meet Bostitch specifications.

4. Swing cover closed:
To aid in the feeding of plastic collated nails the tab on the cover should be repositioned. To do so apply pressure to the top center of the tab and simultaneously apply pressure to the bottom outer edge of the tab until it rests on the top outer brim of the cover. Swing the door/magazine cover closed. Check that the latch engages when released. (If it does not engage, check that the nail heads are in the slot in the nose.)

5. Removal of plastic strip:
As nails are driven, the plastic strip will feed out of the tool. When sufficient strip has been fed out, it can be torn away by pulling against the tear edge in the nose. Fig. E



SAFETY INSTRUCTIONS

WARNING: EYE PROTECTION which conforms to ANSI 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. Eye protection is required to guard against flying fasteners and debris, which could cause severe eye injury.



The employer and/or user must ensure that proper eye protection is worn. Eye protection equipment must conform to the requirements of the American National Standards Institute, ANSI Z87.1 and provide both frontal and side protection. NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.



CAUTION: Additional Safety Protection will be required in some environments. For example, the working area may include exposure to noise level which can lead to hearing damage. The employer and user must ensure that any necessary hearing protection is provided and used by the operator and others in the work area. Some environments will require the use of head protection equipment. When required, the employer and user must ensure that head protection conforming to ANSI Z89.1 is used.

AIR SUPPLY AND CONNECTIONS

WARNING: Do not use oxygen, combustible gases, or bottled gases as a power source for this tool as tool may explode, possibly causing injury.

WARNING: Do not use supply sources which can potentially exceed 200 P.S.I.G. as tool may burst, possibly causing injury.

WARNING: The connector on the tool must not hold pressure when air supply is disconnected. If a wrong fitting is used, the tool can remain charged with air after disconnecting and thus will be able to drive a fastener even after the air line is disconnected possibly causing injury.

WARNING: Do not pull trigger or depress contact arm while connected to the air supply as the tool may cycle, possibly causing injury.

WARNING: Always disconnect air supply: 1.) Before making adjustments; 2.) When servicing the tool; 3.) When clearing a jam; 4.) When tool is not in use; 5.) When moving to a different work area, as accidental actuation may occur, possibly causing injury.

LOADING TOOL

WARNING: When loading tool: 1.) Never place a hand or any part of body in fastener discharge area of tool; 2.) Never point tool at anyone; 3.) Do not pull the trigger or depress the trip as accidental actuation may occur, possibly causing injury.

OPERATION

WARNING: Always handle the tool with care: 1.) Never engage in horseplay; 2.) Never pull the trigger unless nose is directed toward the work; 3.) Keep others a safe distance from the tool while tool is in operation as accidental actuation may occur, possibly causing injury.

WARNING: The operator must not hold the trigger pulled on contact arm tools except during fastening operation as serious injury could result if the trip accidentally contacted someone or something, causing the tool to cycle.

WARNING: Keep hands and body away from the discharge area of the tool. A contact arm tool may bounce from the recoil of driving a fastener and an unwanted second fastener may be driven possibly causing injury.

WARNING: Check operation of the contact arm mechanism frequently. Do not use the tool if the arm is not working correctly as accidental driving of a fastener may result. Do not interfere with the proper operation of the contact arm mechanism.

WARNING: 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.

WARNING: Do not drive fasteners close to the edge of the work piece as the wood may split, allowing the fastener to be deflected possibly causing injury.

WARNING: This nailer produces SPARKS during operation. NEVER use the nailer near flammable substances, gases or vapors including lacquer, paint, benzene, thinner, gasoline, adhesives, mastics, glues or any other material that is - or the vapors, fumes or byproducts of which are - flammable, combustible or explosive. Using the nailer in any such environment could cause an EXPLOSION resulting in personal injury or death to user and bystanders.

WARNING: Never use rafter hook to hang tool from body, clothing or belt.