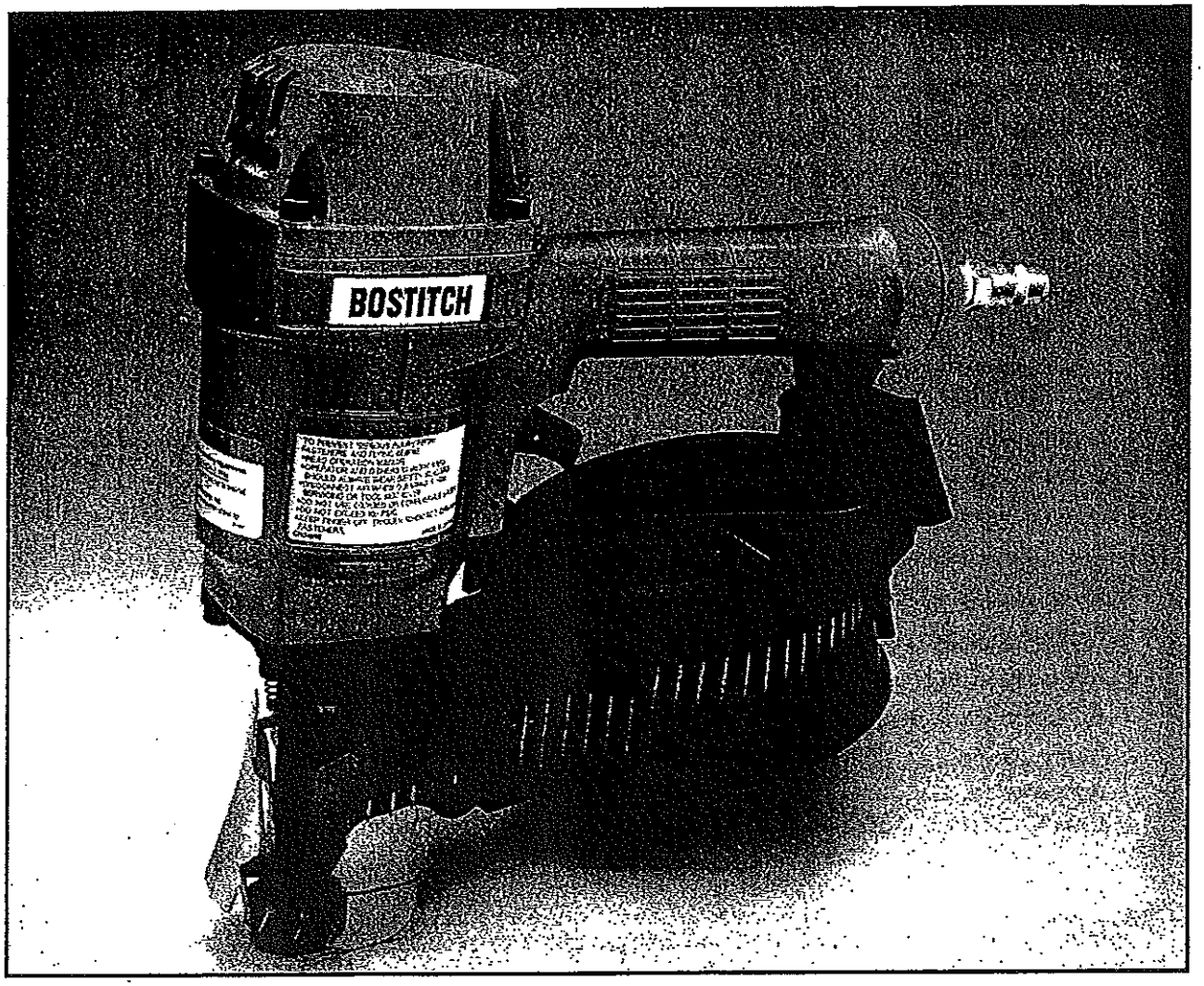
STANLEY BOSTITCH

# Model N55CD Series

DIAL-A-DEPTH™ Fastener Control

# Model N55C Series

COIL-FED PNEUMATIC NAILERS




## OPERATION and MAINTENANCE MANUAL

**⚠ WARNING:**

**BEFORE OPERATING THIS TOOL, ALL OPERATORS SHOULD STUDY THIS MANUAL, TO UNDERSTAND AND FOLLOW THE SAFETY WARNINGS AND INSTRUCTIONS. KEEP THESE INSTRUCTIONS WITH THE TOOL FOR FUTURE REFERENCE. IF YOU HAVE ANY QUESTIONS, CONTACT YOUR STANLEY-BOSTITCH REPRESENTATIVE OR DISTRIBUTOR.**

STANLEY BOSTITCH
Stanley Fastening Systems

BSA1556S REV X 6/91

# INTRODUCTION

The Stanley-Bostitch N55C and N55CD series nailers are precision-built tools, designed for high speed, high volume nailing. These tools will deliver efficient, dependable service when used correctly and with care. As with any fine power tool, for best performance the manufacturer's instructions must be followed. Please study this manual before operating the tool and understand the safety warnings and cautions. The instructions on installation, operation and maintenance should be read carefully, and the manual kept for reference. NOTE: Additional safety measures may be required because of your particular application of the tool. Contact your Stanley-Bostitch representative or distributor with any questions concerning the tool and its use. Stanley-Bostitch, Inc., East Greenwich, Rhode Island 02818.

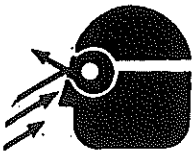
# INDEX



**NOTE:** Stanley-Bostitch tools have been engineered to provide excellent customer satisfaction and are designed to achieve maximum performance when used with precision Stanley-Bostitch fasteners engineered to the same exacting standards. **Stanley-Bostitch cannot assume responsibility for product performance if our tools are used with fasteners or accessories not meeting the specific requirements established for genuine Stanley-Bostitch nails, staples and accessories.**

## 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 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 Z87.1-1979 and provide both frontal and side protection. NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.

**CAUTION:** EAR PROTECTION may be required in some environments. As the working area may include exposure to high noise levels which can lead to hearing damage, the employer and user should ensure that any necessary hearing protection is provided and used by the operator and others in the work area.

## 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 the trigger or depress the contact trip while connecting the tool 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 other persons 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 trip 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 trip 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 trip mechanism frequently. Do not use the tool if the trip is not working correctly as accidental driving of a fastener may result. Do not interfere with the proper operation of the contact trip mechanism.

**⚠WARNING:** Do not drive fasteners on top of other fasteners as this may cause deflection of fasteners which could cause injury.

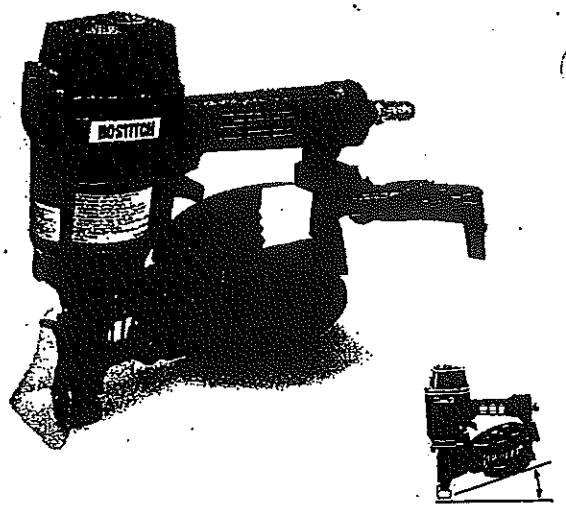
## MAINTAINING THE TOOL

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

*The N55CD and N55C are light weight nailers designed for general purpose construction, siding, decking, sheathing and other applications such as: crating, fence building and construction of light duty pallets.*

### *FEATURES*

- *Choice of contact trip or sequential trip operation.*
- *Tool frame is made from rugged die cast aluminum and magazine is made from space age composite glass reinforced nylon for light weight construction and maneuverability.*
- *The magazine holds 300 to 350 nails and accomodates nail lengths from 1" to 2-3/16" with a simple adjustment system developed by Stanley-Bostitch.*
- *The magazine is angled to the work surface — makes toe nailing easy.*
- *N55CD model has Dial-A-Depth™ Fastener Control for precise nail penetration, from flush to countersink, simply by turning a dial.*




**TOOL SPECIFICATIONS**
**All screws and nuts are metric.**

| MODEL | TOOL OPERATION | LENGTH | HEIGHT | WIDTH | WEIGHT |
|---|---|---|---|---|---|
| N55C, N55CD-1 | Contact Trip | 10-5/8" (270mm) | 10-13/16" (275mm) | 5-1/8" (130mm) | 5 lbs. 3 ozs. (2.4 kg) |
| N55C, N55CD-2 | Sequential Trip | 10-5/8" (270mm) | 10-13/16" (275mm) | 5-1/8" (130mm) | 5 lbs. 3 ozs. (2.4 kg) |

TOOL AIR FITTING:

This tool uses a 1/4-18 N.P.T. plug. The inside diameter should be .200" (5mm) or larger. The fitting must be capable of discharging tool air pressure when disconnected from the air supply.

OPERATING PRESSURE:

70 to 100 p.s.i.g. (4.9 to 7.0 kg/cm²). Select the operating pressure within this range for best fastener performance. **DO NOT EXCEED THIS RECOMMENDED OPERATING PRESSURE.**

AIR CONSUMPTION:

Model N55C and N55CD require 3.6 cubic feet per minute of free air to operate at the rate of 100 nails per minute, at 80 p.s.i.g. Take the actual rate at which the tool will be run to determine the amount of air required. For instance, if your nail usage averages 50 nails per minute, you need 50% of the 3.6 c.f.m. which is required for running at 100 nails per minute.

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STANLEY-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

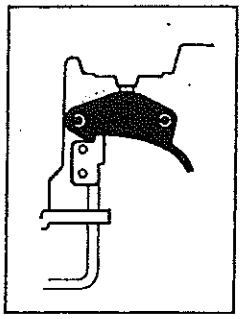
The Sequential Trip requires the operator to hold the tool against the work before pulling the trigger. This makes accurate fastener placement easier, for instance on framing, toe nailing and crating applications.

The Sequential Trip allows exact fastener location without the possibility of driving a second fastener on recoil, as described under "Contact Trip".

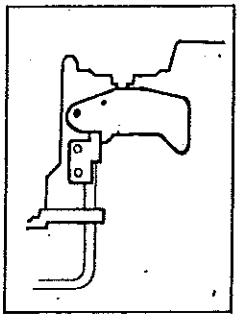
The Sequential Trip Tool has a positive safety advantage because it will not accidentally drive a fastener if the tool is contacted against the work — or anything else — while the operator is holding the trigger pulled.

MODEL IDENTIFICATION:

**Refer to Operation Instructions on page 7 before proceeding to use this tool.**



**CONTACT TRIP**
**Identified by:**
**Black Trigger**



**SEQUENTIAL TRIP**
**Identified by:**
**Silver 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. (10.5 kg/cm²) working pressure rating or 150 percent of the maximum pressure that could be produced in the air system, which ever is higher. 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. 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. 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 manufacturers 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 thru the air line connection will lubricate the internal parts. Use STANLEY-BOSTITCH Air Tool Lubricant, Mobil Velocite #10, or equivalent. Do not use detergent oil or additives as these lubricants will cause excellerated 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:

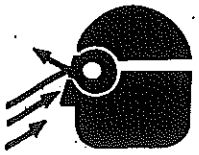
For cold weather operation, near and below freezing, the moisture in the air line may freeze and prevent tool operation. We recommend the use of STANLEY-BOSTITCH WINTER FORMULA air tool lubricant or permanent antifreeze (ethylene glycol) as a cold weather lubricant.

**CAUTION: To prevent frost or ice formation on the tool's operating valves and mechanisms that could cause tool failure, do not store tools in a cold weather environment.**

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

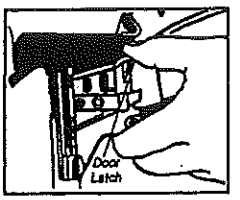
## LOADING NAILER

**⚠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 loading, operating or servicing this tool. Eye protection is required to guard against flying fasteners and debris, which could cause severe eye injury.**

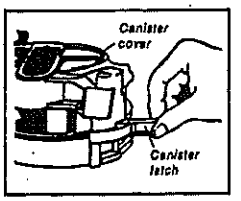


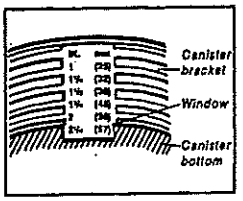
**The employer and/or user must ensure that proper eye protection is worn. Eye protection equipment must conform to the requirements of the American National Standards Institute, ANSI Z87.1—1979 and provide both frontal and side protection. NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.**

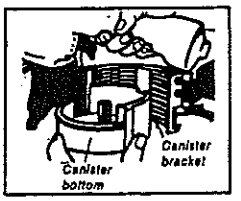
1) Open the Magazine:
   Pull down door latch and swing door open.
   Swing magazine cover open.



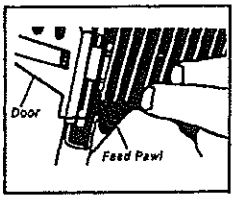

2) Check Adjustment:
   The nailer must be set for the length of nail to be used. Nails will not feed smoothly if the magazine is not correctly adjusted.
   The N55C and N55CD accepts from 1" to 2-3/16" nails.
   To change setting:
   a) Release the canister latch on the rear of the canister.
   b) Pull out canister bottom by swinging right to left until tabs disengage.
   c) Inside the canister bracket are settings in inches and millimeters. The canister is adjusted correctly when the length of the nail being used is shown in the window of the canister bottom.



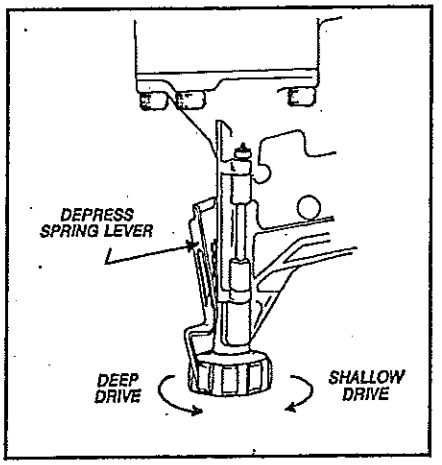

3) Load the Coil of Nails:
   Place a coil of nails over the post in the canister. Uncoil enough nails to reach the feed pawl, and place the first nail between the teeth on the feed pawl. The nail heads fit in slot on nose.




4) Swing Cover Closed
5) Close the Door
   Check that latch engages.
   (If it does not engage, check that the nails heads are in the slot in the nose).

**NOTE: Use only nails recommended by Stanley-Bostitch for use in Stanley-Bostitch N55C and N55CD Series nailers or nails which meet the Stanley-Bostitch specifications.**

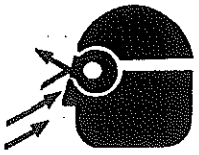
## "DIAL-A-DEPTH ™ "FASTENER CONTROL
### ADJUSTMENT INSTRUCTIONS
### N55CD Model




1) Disconnect air supply before making adjustments.
2) Depress the locking spring lever to disengage from adjusting nut.
3) Turn adjusting nut to desired position, see illustration.
4) Release the locking spring back into a recess on the nut.
5) Reconnect the air supply and test for desired drive depth.

## TOOL OPERATION

**⚠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 loading, operating or servicing this tool. Eye protection is required to guard against flying fasteners and debris, which could cause severe eye injury.**



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**BEFORE HANDLING OR OPERATING THIS TOOL:**

**I. READ AND UNDERSTAND THE WARNINGS CONTAINED IN THIS MANUAL.**
**II. REFER TO "TOOL SPECIFICATIONS" IN THIS MANUAL, TO IDENTIFY THE OPERATING SYSTEM ON YOUR TOOL.**

There are three available operating systems on STANLEY-BOSTITCH pneumatic tools. They are:

1. TRIGGER OPERATION 2. CONTACT TRIP OPERATION 3. SEQUENTIAL TRIP OPERATION

## OPERATION

1. TRIGGER OPERATION:

A TRIGGER OPERATED tool requires a single action to drive a fastener. Each time the trigger is pulled the tool will drive a fastener. The trigger operated model is intended for use only when a contact trip or sequential trip cannot be used due to the requirements of the application.

2. CONTACT TRIP OPERATION:

THE CONTACT TRIP MODEL tool contains a work contacting arm that operates in conjunction with the trigger to drive a fastener. There are two methods of operation to drive fasteners with a contact trip tool.

A. **SINGLE FASTENER PLACEMENT:** To operate the tool in this manner, position the nose of the tool on the work surface, WITH FINGER OFF THE TRIGGER, and depress the contact trip. Pull the trigger to drive a fastener and remove your finger from the trigger after each operation.

B. **RAPID FASTENER OPERATION:** To operate the tool in this manner, pull the trigger with the tool off the work surface. To drive fasteners, "tap" the nose of the tool against the work surface using a "bouncing" motion. Each depression of the contact trip will drive a fastener.

**⚠WARNING:** **The operator must not hold the trigger pulled on contact trip 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 trip tool may bounce from the recoil of driving a fastener and an unwanted second fastener may be driven, possibly causing injury.**

**OPERATOR NOTE:**

**Do not press the tool against the work surface with "extra force" but instead allow the tool to recoil off the work surface to avoid a second unwanted fastener.**

3. SEQUENTIAL TRIP OPERATION:

THE SEQUENTIAL TRIP MODEL contains a work contacting arm that operates in conjunction with the trigger to drive a fastener. There is only one method of operation to drive fasteners with a sequential trip tool, and that is single fastener placement. To operate the tool, release the trigger, press the nose of the tool on the work surface, then pull the trigger to drive a fastener. This sequence must be performed for each fastener to be driven.

The Sequential Trip Model provides a positive safety advantage because it will not accidentally drive a fastener if the nose of the tool is unintentionally allowed to recontact the work surface or anything else, with finger on the trigger.

## TOOL OPERATION CHECK:

**CAUTION: Remove all fasteners from tool before performing tool operation check.**

1. TRIGGER OPERATED TOOL:
   A. With finger off the trigger, hold the tool with a firm grip on the handle.
   B. Place the nose of the tool against the work surface.
   C. Pull the trigger to drive. Release the trigger and cycle is complete.

**CAUTION: THE TOOL WILL CYCLE EACH TIME THE TRIGGER IS PULLED!**

2. CONTACT TRIP OPERATION:
   A. With finger off the trigger, press the contact trip against the work surface.
      **THE TOOL MUST NOT CYCLE.**
   B. Hold the tool off the work surface, and pull the trigger.
      **THE TOOL MUST NOT CYCLE.**
   C. With the tool off the work surface, pull the trigger. Press the contact trip against the work surface.
      **THE TOOL MUST CYCLE.**
   D. Without touching the trigger, press the contact trip against the work surface, then pull the trigger.
      **THE TOOL MUST CYCLE.**

3. SEQUENTIAL TRIP OPERATION:
   A. Press the contact trip against the work surface, without touching the trigger.
      **THE TOOL MUST NOT CYCLE.**
   B. Hold the tool off the work surface and pull the trigger.
      **THE TOOL MUST NOT CYCLE.**
      Release the trigger. The trigger must return to the trigger stop on the frame.
   C. Pull the trigger and press the contact trip against the work surface.
      **THE TOOL MUST NOT CYCLE.**
   D. With finger off the trigger, press the contact trip against the work surface. Pull the trigger.
      **THE TOOL MUST CYCLE.**

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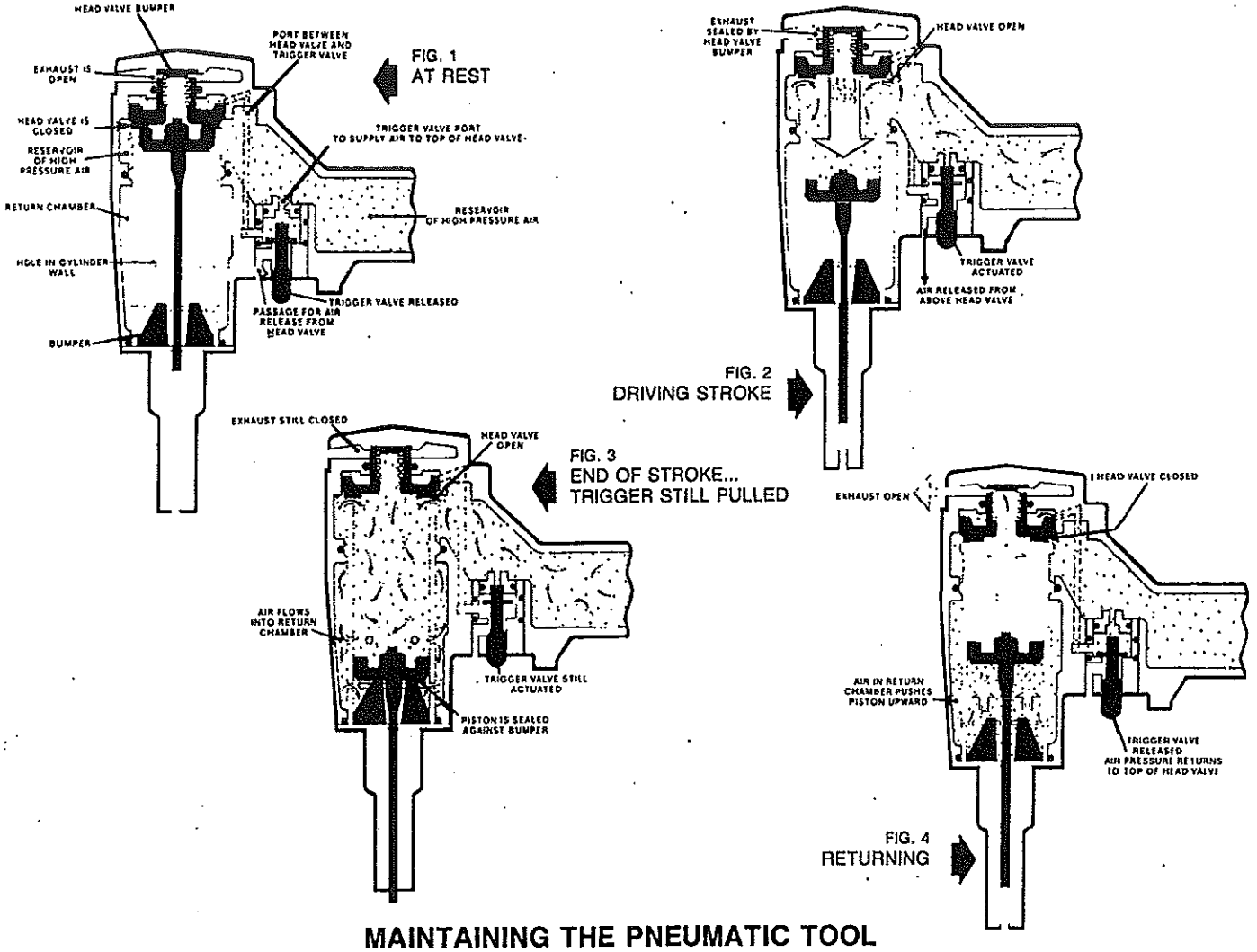
## IN ADDITION TO THE OTHER WARNINGS CONTAINED IN THIS MANUAL OBSERVE THE FOLLOWING FOR SAFE OPERATION

- **Use the STANLEY-BOSTITCH pneumatic tool only for the purpose for which it was designed.**
- **Never use this tool in a manner that could cause a fastener to be directed toward the user or others in the work area.**
- **Do not use the tool as a hammer.**
- **Always carry the tool by the handle. Never carry the tool by the air hose.**
- **Do not alter or modify this tool from the original design or function without approval by STANLEY-BOSTITCH, INC.**
- **Always be aware that misuse and improper handling of this tool can cause injury to yourself and others.**
- **Never clamp or tape the trigger or contact trip in an actuated position.**
- **Never leave a tool unattended with the air hose attached.**
- **Do not operate this tool if it does not contain a legible WARNING LABEL.**

## BASIC TOOL OPERATION:

STANLEY-BOSTITCH pneumatic tools are cycled by a compressed air operated single piston design. The following illustrations show the four functional cycles that occur when the tool is operated to drive a fastener:

BASIC SINGLE PISTON STAPLER/NAILER




## MAINTAINING THE PNEUMATIC TOOL

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

**CAUTION: Pusher spring (constant force spring). Caution must be used when working with the spring assembly. The spring is wrapped around, but not attached to, a roller. If the spring is extended beyond its length, the end will come off the roller and the spring will roll up with a snap, with a chance of pinching your hand. Also, the edges of the spring are very thin and could cut.**

REPLACEMENT PARTS:

STANLEY-BOSTITCH replacement parts are recommended. Do not use modified parts or parts which will not give equivalent performance to the original equipment.

ASSEMBLY PROCEDURE FOR SEALS:

When repairing a tool, make sure the internal parts are clean and lubricated. Use Parker "O"-LUBE or equivalent on all "O"-rings. Coat each "O"-ring with "O"-LUBE before assembling. Use a small amount of oil on all moving surfaces and pivots. After reassembly add a few drops of STANLEY-BOSTITCH Air Tool Lubricant through the air line fitting before testing.

AIR SUPPLY-PRESSURE AND VOLUME:

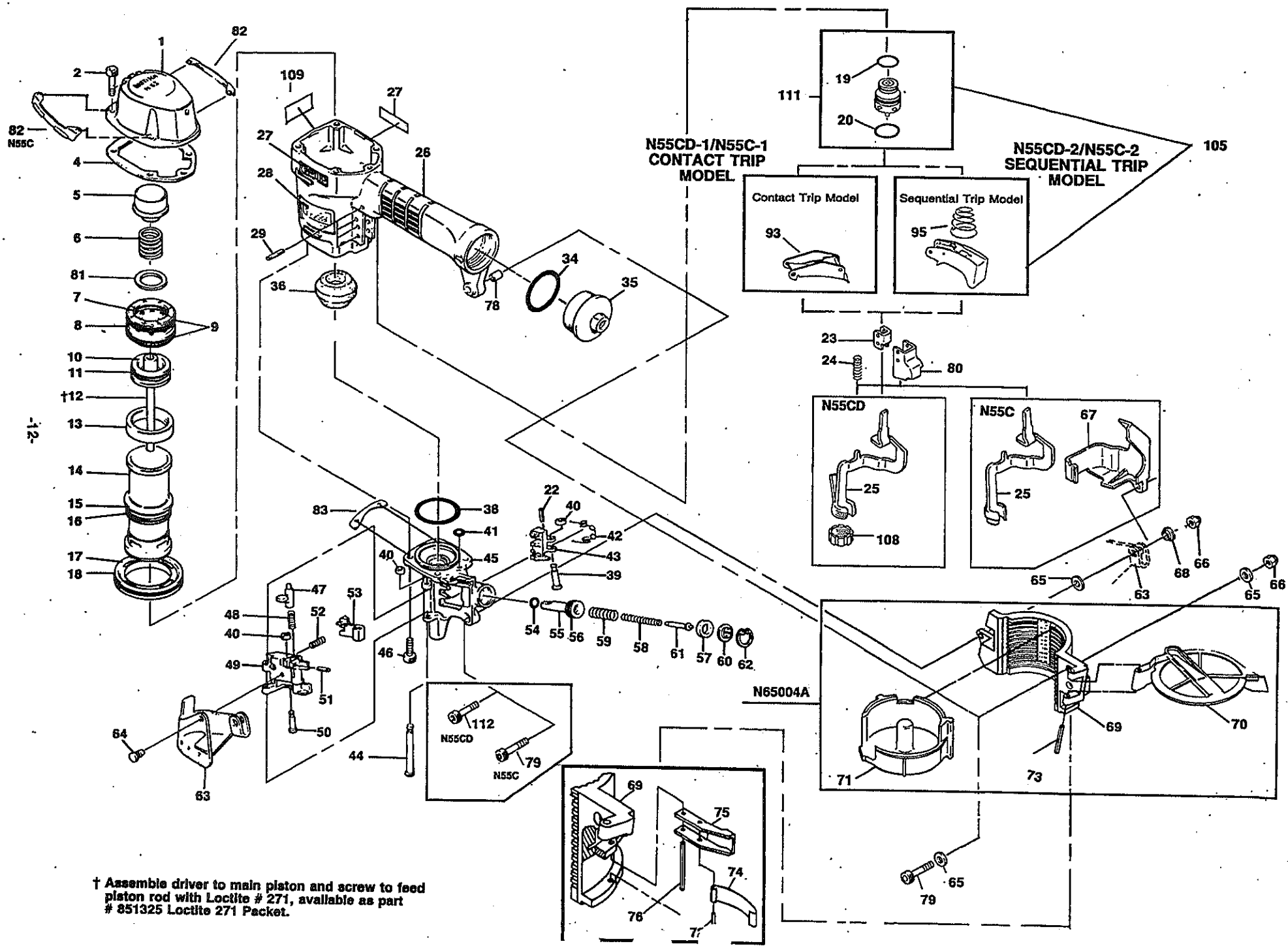
Air volume is as important as air pressure. The air volume supplied to the tool may be inadequate because of undersize fittings and hoses, or from the effects of dirt and water in the system. Restricted air flow will prevent the tool from receiving an adequate volume of air, even though the pressure reading is high. The results will be slow operation, misfeeds or reduced driving power. Before evaluating tool problems for these systems, trace the air supply from the tool to the supply source for restrictive connectors, swivel fittings, low points containing water and anything else that would prevent full volume flow of air to the tool.

## TROUBLE SHOOTING

| PROBLEM | CAUSE | CORRECTION |
|---|---|---|
| Trigger valve housing leaks air | O-ring cut or cracked | Replace O-ring |
| Trigger valve stem leaks air | O-ring/seals cut or cracked | Replace O-ring/seals |
| Frame/nose leaks air | Loose nose screws | Tighten and recheck |
| | O-ring or Gasket is cut or cracked | Replace O-ring or Gasket |
| | Bumper cracked/worn | Replace bumper |
| Frame/cap leaks air | Cracked gasket | Replace gasket |
| | Cracked/worn head valve bumper | Replace bumper |
| | Loose cap screws | Tighten and recheck |
| Failure to cycle | Air supply restriction | Check air supply equipment |
| | Tool dry, lack of lubrication | Use STANLEY-BOSTITCH Air Tool Lubricant |
| | Worn head valve O-rings | Replace O-rings |
| | Broken cylinder cap spring | Replace cylinder cap spring |
| | Head valve stuck in cap | Disassemble/Check/Lubricate |
| Lack of power<br>Slow to cycle | Tool dry, lacks lubrication | Use STANLEY-BOSTITCH Air Tool Lubricant |
| | Broken cylinder cap spring | Replace cap spring |
| | O-rings/seals cut or cracked | Replace O-rings/seals |
| | Exhaust blocked | Check bumper, head valve spring |
| | Trigger assembly worn/leaks | Replace trigger assembly |
| | Dirt/tar build up on driver | Disassemble nose/driver to clean |
| | Cylinder sleeve not seated correctly on bottom bumper | Disassemble to correct |
| | Head valve dry | Disassemble/lubricate |
| | Air pressure too low | Check air supply equipment |
| Skipping fasteners<br>Intermittent feed | Worn bumper | Replace bumper |
| | Tar/dirt in driver channel | Disassemble and clean nose and driver |
| | Air restriction/inadequate air flow through quick disconnect socket & plug | Replace quick disconnect fittings |
| | Worn piston O-ring | Replace O-ring, check driver |
| | Tool dry, lacks lubrication | Use STANLEY-BOSTITCH Air Tool Lubricant |
| | Damaged pusher spring | Replace spring |
| | Low air pressure | Check air supply system to tool |
| | Loose magazine nose screws | Tighten all screws |
| | Fasteners too short for tool | Use only recommended fasteners |
| | Bent fasteners | Discontinue using these fasteners |
| | Wrong size fasteners | Use only recommended fasteners |
| | Leaking head cap gasket | Tighten screws/replace gasket |
| | Trigger valve O-ring cut/worn | Replace O-ring |
| | Broken/chipped driver | Replace driver (check piston O-ring) |
| | Dry/dirty magazine | Clean/lubricate use STANLEY-BOSTITCH Air Tool Lubricant |
| | Worn magazine | Replace magazine |
| Fasteners jam in tool | Driver channel worn | Replace nose/check door |
| | Wrong size fasteners | Use only recommended fasteners |
| | Bent fasteners | Discontinue using these fasteners |
| | Loose magazine/nose screws | Tighten all screws |
| | Broken/chipped driver | Replace driver |

## COIL NAILERS

| | | |
|---|---|---|
| Skipping fasteners<br>Intermittent feed | Feed piston dry | Add STANLEY-BOSTITCH Air Tool Lubricant in hole in feed piston cover |
| | Feed piston O-rings cracked/worn | Replace O-rings/check bumper and spring. Lubricate assembly. |
| | Check Pawl binding | Inspect Pawl and spring on door. Must work freely. |
| | Canister bottom not set correctly | Set canister bottom for length of nails being used. |
| | Broken weld wires in nail coil | Discontinue using |
| Fasteners jam in tool/canister | Wrong size fasteners for tool | Use only recommended fasteners/check canister bottom adjustment |
| | Broken welded wires in nail coil | Discontinue using |
| | Wrong slide plate adjustment for wire/plastic collated nail coil | Adjust switch pins for wire/plastic collated nail coil |




† Assemble driver to main piston and screw to feed piston rod with Loctite # 271, available as part # 851325 Loctite 271 Packet.

CN31432

## PARTS COMMON TO N55CD-1 & N55CD-2, N55C-1 & N55C-2

| Item No. | Part No. | Description |
|---|---|---|
| 1 | CN31862 | Cylinder Cap Unit |
| 2 | MSC6100-22 | Screw M 6 x 22 |
| 4 | N12144 | Gasket |
| 5 | N86124 | Piston Stop |
| 6 | N854016 | Head Valve Spring |
| 7 | MRG039735 | O-Ring 1AP40 |
| 8 | CN31893 | Head Valve |
| 9 | MRG052526 | O-Ring 1A 2.6 x 52.5 |
| ***10 | CN31867 | Main Piston |
| 11 | RG148413 | O-Ring |
| ***12 | N55019A | Driver Assy. Replacement |
| 13 | N12114 | Cylinder Seal |
| 14 | CN31864 | Cylinder Sleeve |
| 15 | RG198710 | O-Ring |
| 16 | CN31865 | Check Seal |
| 17 | N12122 | Cylinder Ring |
| 18 | MRG074431 | O-Ring 1AG75 |
| 19 | RG061407 | O-Ring |
| 20 | MRG019824 | O-Ring 1AP20 |
| 22 | MPG030016 | Roll Pin 3 x 16 |
| 23 | CN31870 | Arm Guide |
| 24 | KK23256 | Compression Spring — 3256 |
| 26 | CN31861 | Frame |
| 27 | 851882S | "Stanley-Bostitch" Label |
| 28 | CN31656 | Warning Label |
| 29 | MPG030025 | Roll Pin 3 x 25 |
| 34 | MRG034826 | O-Ring |
| ‡35 | SEE NOTE | Handle End |
| 36 | N12103 | Bumper |
| 38 | MRG047019 | O-Ring 1A 1.9 x 47 |
| 39 | N50087 | Step Pin — 1263 |
| 40 | EE39602 | Rubber Washer — 7 |
| 41 | MRG004216 | O-Ring 1A 1.6 x 4.2 |
| 42 | 854023 | Feed Pawl Spring |
| 43 | CN31875 | Feed Pawl |
| 44 | 854047 | Step Pin — 1501 |
| 45 | CN31874 | Nose |
| 46 | N5530 | Screw 6 x 22 |
| 47 | N70150 | Door Latch |
| 48 | 854012 | Compression Spring — 3123 |
| 49 | CN31880 | Door |
| 50 | 854048 | Step Pin — 1502 |
| 51 | MPG030012 | Roll Pin 3 x 12 |
| 52 | 854011 | Compression Spring |
| 53 | CN31881 | Check Pawl |
| 54 | MRG009824 | O-Ring 1AP10A |
| 55 | CN31876 | Feed Piston |
| 56 | MRG020824 | O-Ring 1AP21 |
| 57 | CN31877 | Feed Piston Bumper |
| 58 | 854022 | Compression Spring (inner) |
| 59 | 854021 | Compression Spring (outer) |
| 60 | CN31879 | Spring Collar |
| 61 | CN31878 | Spring Guide |
| 62 | MRB026-1 | Retaining Ring |
| 63 | N55005 | Dust Shield |
| 64 | N50089 | Dust Shield Hook |
| 65 | MPW6.2 | Washer |
| 66 | MHE6100-100 | Elastic Stop Nut |
| 68 | N70141 | Collar |
| **69 | N65001 | Canister Bracket |
| **70 | N65003 | Canister Cover |
| **71 | N65002 | Canister Bottom |
| **72 | UB2110.4 | Roll Pin 1/8 x 5/8 |
| **73 | UB3824.4 | Spirol Pin 3/16 x 1-1/2 |
| **74 | N80108 | Latch Spring |
| **75 | N80109 | Canister Latch |
| **76 | UB2816.4 | Spirol Pin 1/8 x 1 |
| 78 | N70143 | Rubber Bushing |
| 79 | MSC6100-40 | Screw M 6 x 40 |
| 80 | CN31873 | Arm Cover "B" |
| 81 | CN31892 | Spring Seat |
| 111 | N86129A | Trigger Valve Assy. |

### PARTS SPECIAL TO N55CD-1 (CONTACT TRIP)

| Item No. | Part No. | Description |
|---|---|---|
| 25 | CN33053 | Contact Arm Assembly |
| 93 | N50082A | Trigger |
| 108 | N55009 | Adjusting Nut |
| 109 | 851657 | Warning Label |
| 112 | MSC6100-30 | Screw M 6 x 30 |

### PARTS SPECIAL TO N55CD-2 (SEQUENTIAL TRIP)

| Item No. | Part No. | Description |
|---|---|---|
| 25 | CN33053 | Contact Arm Assembly |
| 95 | N60077 | Spring, Trigger |
| ††105 | SEQ1 | Sequential Trip Parts |
| 108 | N55009 | Adjusting Nut |
| 109 | 851657 | Warning Label |
| 112 | MSC6100-30 | Screw M 6 x 30 |

### PARTS SPECIAL TO N55C-1 (CONTACT TRIP)

| Item No. | Part No. | Description |
|---|---|---|
| 25 | CN31888 | Contact Arm Assembly |
| 63 | CN31882 | Dust Shield |
| 67 | CN31872 | Arm Cover "A" |
| 82 | N55020 | Wear Plate |
| 83 | N55021 | Tool Support |
| 93 | N50082A | Trigger |

### PARTS SPECIAL TO N55C-2 (SEQUENTIAL TRIP)

| Item No. | Part No. | Description |
|---|---|---|
| 25 | CN31888 | Contact Arm Assembly |
| 63 | CN31882 | Dust Shield |
| 67 | CN31872 | Arm Cover "A" |
| 82 | N55020 | Wear Plate |
| 83 | N55021 | Tool Support |
| 95 | N60077 | Spring, Trigger |
| 105 | SEQ1 | Sequential Trip Parts |

* Included with CN31862

** N65004A Canister Assembly (not shown) is available and includes: 69,70,71,72,73,74,75,76.

*** N55013A Piston / Driver Assembly (not shown) is available and includes N55019A (Flangeless Driver) & CN31867, Piston. Tool as received may contain flanged driver piston assembly, however, the flangeless parts shown are the correct replacements.

‡ **NOTE:** If tool is a sequential trip model (S.T.) with a silver sheet metal trigger (S.T.Trigger), use a black end cap, "Handle-End Black", part number N50049.

If tool is a contact trip model (C.T.), with a black C.T. trigger, or a S.T. model with a molded silver / gray plastic type trigger, use a yellow end cap, "Handle-End", part number T40207.

†† SEQ1 is a Conversion Kit (Contact Trip to Sequential Trip) which includes Item 111 Valve Assembly; Item 95 Spring; and a Trigger Assembly.

**NOTE:** For Identification: The Sequential Trip Trigger Assembly and the Valve Assembly 111 can be identified by green components.

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To obtain warranty service, you must return the product at your expense together with proof of purchase to a Stanley-Bostitch Regional warranty repair center listed below or you may call us at 1-800-832-3080 for the location of additional authorized warranty service locations in your area.

**EASTERN:** Stanley-Bostitch, Inc., 1 Feltloc Lane, East Greenwich, R.I. 02818

**MIDWEST:** Stanley-Bostitch, Inc., 420 South Kitley Avenue, P.O. Box 19329, Indianapolis, IN 46219

**SOUTHERN:** Stanley-Bostitch, Inc., 1105 Satellite Blvd. Suite 105, Suwanee, GA 30174

**WESTERN:** Stanley-Bostitch, Inc., 6941 West Goshen Avenue, P.O. Box 111, Visalia, CA 93277

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