

STANLEY**BOSTITCH®**

RN45B

COIL-FED PNEUMATIC ROOFING NAILER**CLAVADORA NEUMÁTICA ALIMENTADA POR ROLLO PARA TECHADO****CLOUEUR PNEUMATIQUE À ENROULEMENT POUR TOITURE**

OPERATION and MAINTENANCE MANUAL MANUAL DE OPERACIÓN Y DE MANTENIMIENTO MANUEL D'INSTRUCTIONS ET D'ENTRETIEN

⚠ WARNING:**⚠ ADVERTENCIA:****⚠ ATTENTION:**

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.

ANTES DE OPERAR ESTA HERRAMIENTA, TODOS LOS OPERADORES DEBERÁN ESTUDIAR ESTE MANUAL PARA PODER COMPRENDER Y SEGUIR LAS ADVERTENCIAS SOBRE SEGURIDAD Y LAS INSTRUCCIONES. MANTENGA ESTAS INSTRUCCIONES CON LA HERRAMIENTA PARA FUTURA REFERENCIA, SI TIENE ALGUNA DUDA, COMUNÍQUESE CON SU REPRESENTANTE DE STANLEY-BOSTITCH O CON SU DISTRIBUIDOR.

LIRE ATTENTIVEMENT LE PRÉSENT MANUEL AVANT D'UTILISER L'APPAREIL. PRÊTER UNE ATTENTION TOUTE PARTICULIÈRE AUX CONSIGNES DE SÉCURITÉ ET AUX AVERTISSEMENTS. GARDER CE MANUEL AVEC L'OUTIL POUR FUTUR RÉFÉRENCE. SI VOUS AVEZ DES QUESTIONS, CONTACTEZ VOTRE REPRÉSENTANT OU VOTRE CONCESSIONNAIRE STANLEY-BOSTITCH.

STANLEY **BOSTITCH®**

Stanley Fastening Systems

INTRODUCTION

The Stanley-Bostitch RN45B is a precision-built tool, 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.

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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.



LIMITED WARRANTY

Stanley-Bostitch, Inc., warrants to the original retail purchaser that this product is free from defects in material and workmanship, and agrees to repair or replace, at Stanley-Bostitch's option, any defective product within 1 year from the date of purchase. This warranty is not transferable. It only covers damage resulting from defects in material or workmanship, and it does not cover conditions or malfunctions resulting from normal wear, neglect, abuse, accident or repairs attempted or made by other than our regional repair center or authorized warranty service center. Driver blades, bumpers and o-rings are considered normally wearing parts.

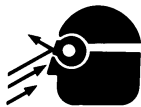
THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS LIMITED TO THE DURATION OF THIS WARRANTY. STANLEY-BOSTITCH SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

This warranty is limited to sales in the United States and Canada. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

To obtain warranty service, return the product at your expense together with proof of purchase to a Stanley-Bostitch Regional or authorized warranty repair center. You may call us at 1-800-556-6696 for the location of authorized warranty service centers in your area.

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 Z87.1-1989 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 1986 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.

MAINTAINING THE TOOL

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

RN45B TOOL SPECIFICATIONS

All screws and nuts are metric.

MODEL	TOOL ACTUATION	LENGTH	HEIGHT	WIDTH	WEIGHT
RN45B-1	Contact Trip	10.9" (276.8mm)	10.62" (269.7mm)	4.62" (117.3mm)	6lbs. (2.7kg.)
RN45B-2	Sequential Trip	10.9" (276.8mm)	10.62" (269.7mm)	4.62" (117.3mm)	6lbs. (2.7kg.)

FASTENER SPECIFICATIONS:

This tool uses coil roofing nails in lengths of 3/4" to 1-3/4" (19 - 45mm) with .120" (3mm) shank diameter.

TOOL AIR FITTING:

This tool uses a free-flow connector plug, 1/4" N.P.T. The inside diameter should be .190" (4.8mm) 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:

The RN45B requires 3.9 cubic feet per minute of free air to operate at the rate of 100 nails per minute, at 80 p.s.i. (5.6 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

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.

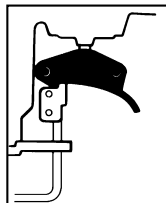
The Sequential Trip allows exact fastener location without the possibility of driving a second fastener on recoil, as described under "Contact Trip".

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.

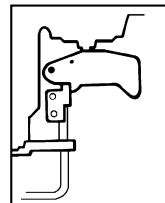
MODEL IDENTIFICATION:

Refer to Operation Instructions on page 4 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 STANLEY-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 STANLEY-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 RN45B

⚠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 Z87.1-1989 and provide both frontal and side protection.

⚠WARNING:

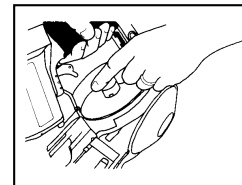
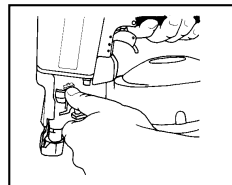
NOTE: Non-side shielded spectacles and face shields alone do not provide adequate protection.

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:

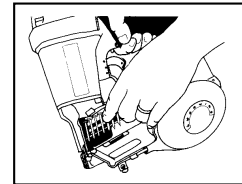
Pull down door latch and swing door/magazine cover downward.



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 three nail settings. To change setting pull up on the post and twist to the correct step.

- 1-3/4" (45mm) nails - use bottom step
- 1-1/4" , 1-1/2" (32, 38mm) - use middle step
- 3/4" , 7/8" , 1" (19, 22, 25mm) - use top 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 driver channel. The nail heads must be in the slot in the nose.

NOTE: Use only nails recommended by Stanley-Bostitch for RN45B series nailers or nails which meet the Stanley-Bostitch specifications.

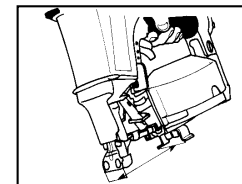
4. Close the Door/Magazine Cover:

Swing the door/magazine cover closed. Check that the latch pin engages when released.

SHINGLE GAUGE

This gauge can be used to control shingle spacing. Loosen two screws to adjust gauge to desired shingle exposure, as shown.

⚠WARNING: Disconnect the air supply before making adjustments.

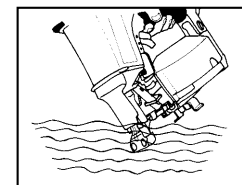


CLEANING THE ROOFING NAILER

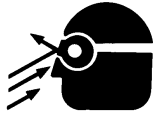
⚠WARNING: Do not use gasoline or similar highly flammable liquids to clean the nailer. Vapor could be ignited by a spark, causing an explosion.

Tar and dirt may build up on the nose and trip lever. This can prevent correct operation. Remove any buildup with kerosene, #2 fuel oil or diesel fuel. Do not dunk the nailer into these solvents beyond the height of the nail heads, to avoid getting the solvent into the drive cylinder. Dry off the nailer before use. Any oil film left after cleanup will accelerate the tar buildup, and the nailer will require more frequent re-cleaning.

NOTE: Solvents sprayed on the nose to clean and free up the trip may have the opposite effect! The solvent may soften the tar on the shingles and cause tar buildup to be accelerated. Dry operation is better, as noted above.



⚠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 Z87.1-1989 and provide both frontal and side protection. **NOTE:** Non-side shielded spectacles and face shields alone do not provide adequate protection.

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 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 contact trip 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, first position the contact trip on the work surface, **WITHOUT PULLING THE TRIGGER**. Depress the contact trip until the nose touches the work surface and then pull the trigger to drive a fastener. Do not press the tool against the work with extra force. Instead, allow the tool to recoil off the work surface to avoid a second unwanted fastener. Remove your finger from the trigger after each operation.
- B. **RAPID FASTENER OPERATION:** To operate the tool in this manner, hold the tool with the contact trip pointing towards but not touching the work surface. Pull the trigger and then tap the contact trip against the work surface using a bouncing motion. Each depression of the contact trip will cause a fastener to be driven.

⚠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.

3. SEQUENTIAL TRIP OPERATION:

The **SEQUENTIAL TRIP MODEL** contains a contact trip that operates in conjunction with the trigger to drive a fastener. To operate a sequential trip tool, first position the contact trip on the work surface **WITHOUT PULLING THE TRIGGER**. Depress the contact trip and then pull the trigger to drive a fastener. As long as the contact trip is contacting the work and is held depressed, the tool will drive a fastener each time the trigger is depressed. If the contact trip is allowed to leave the work surface, the sequence described above must be repeated to drive another fastener.

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:

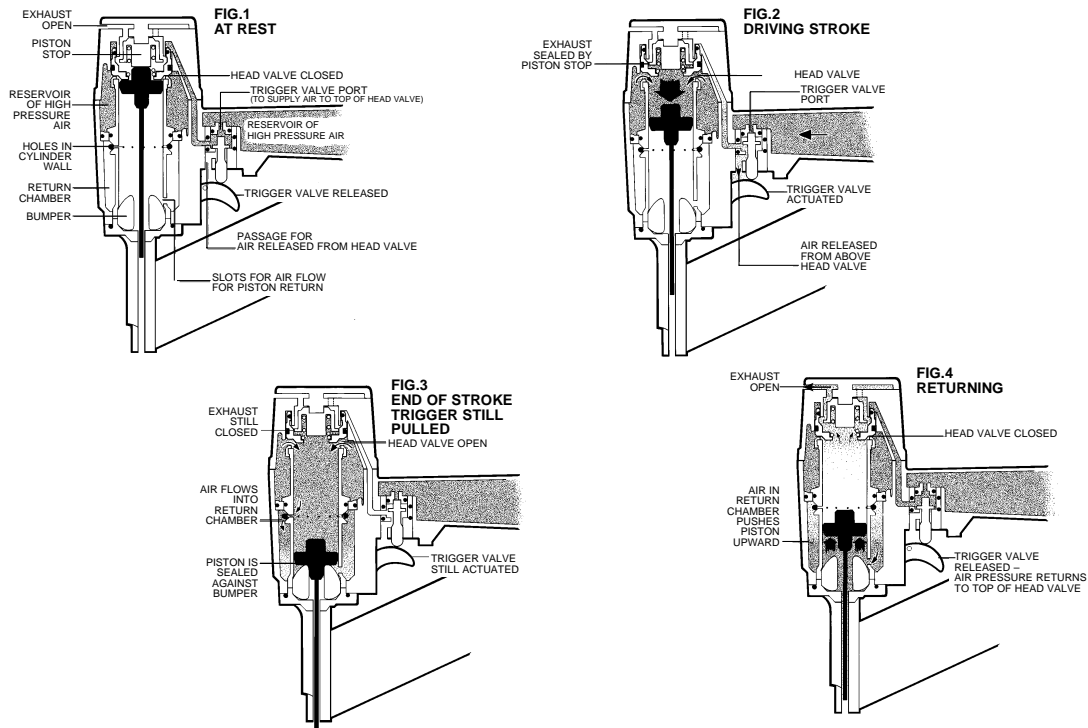
- A. Press the contact trip against the work surface, without touching the trigger.
THE TOOL MUST NOT CYCLE.
- B. Hold the tool off the work surface and pull the trigger.
THE TOOL MUST NOT CYCLE.
Release the trigger. The trigger must return to the trigger stop on the frame.
- C. Pull the trigger and 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.

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 from 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.
- Do not continue to use a tool that leaks air or does not function properly. Notify your nearest Stanley-Bostitch representative if your tool continues to experience functional problems.

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:



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. Care must also be taken to insure no permanent kinks are put in the spring as this will reduce the springs force.

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 symptoms, 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 trigger valve assembly
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.....	Damaged gasket or seal . . . . .	.Replace gasket or seal
	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; 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, muffler
	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; 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 and 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

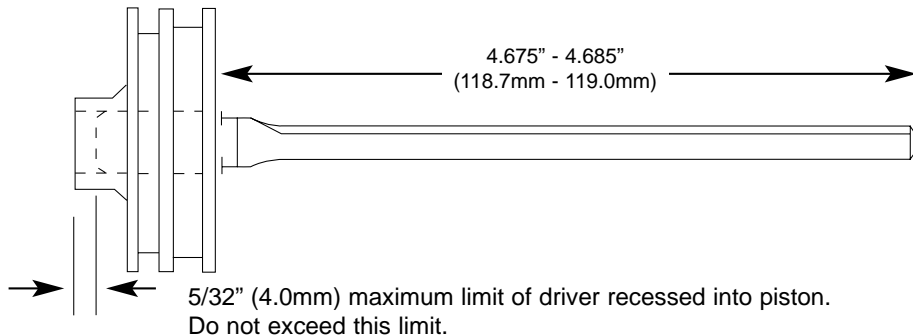
COIL NAILERS

Skipping fasteners; 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 . . . . .	.Remove coil of nails and use another coil
Fasteners jam in tool/canister.....	Wrong size fasteners for tool . . . . .	.Use only recommended fasteners/check canisterbottom adjustment
	Broken welded wires in nail coil . . . . .	.Remove coil of nails and use another coil
	Wrong slide plate adjustment for wire/plastic collated nail coil . . . . .	.Adjust switch pins for wire/plastic collated nail coil

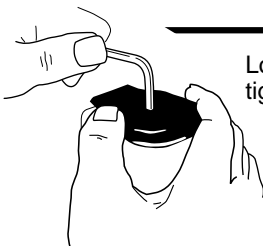
RN45B DRIVER MAINTENANCE INSTRUCTIONS

Worn driver causing poor quality or loss of power:

- Wear on the driving tip will affect the nail drive, giving symptoms of bent and incompletely driven nails, and damaged nail heads.
- The driver length may be adjusted to allow the driving tip to be redressed to compensate for wear. Heat and precise measurement are required. Contact a qualified service technician for this adjustment.
- The length setting for a new driver is shown below. Measurement is from the bottom face of the main piston.
- Note that the measurement from the top of the piston gives the maximum amount the driver may be adjusted to allow redressing. Always extend the driver the minimum required to allow redressing to restore the driving end; several redressings will be possible before this maximum depth is reached.



DIRECTIONAL EXHAUST DEFLECTOR



Loosen screw as shown. Adjust to desired exhaust direction and tighten screw.

ACCESSORIES AVAILABLE

BC601	4 oz. Stanley-Bostitch Air-Tool Lubricant
BC602	1 pint Stanley-Bostitch Air-Tool Lubricant
BC603	1 pint Stanley-Bostitch "Winter-Formula" Air-Tool Lubricant
BC604	1 quart Stanley-Bostitch Air-Tool Lubricant
100679	O-Ring Lube 1 lb. can
SEQ1	Sequential Trip Conversion Kit
VSA2	Vinyl Siding Kit
DC6	Depth Control Kit
851325	Loctite® 271 Packet
ORK13	O-Ring Kit
BK11	Bumper Kit
FPK1	Frame Protector Kit