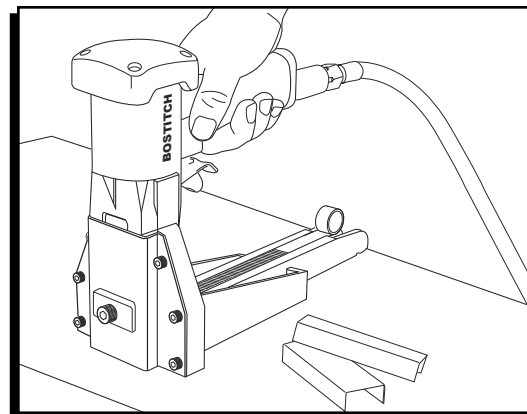


**ULINE** H-3532, H-3534

**BOSTITCH®**  
**PNEUMATIC STAPLER**

1-800-295-5510  
uline.com



## OPERATION

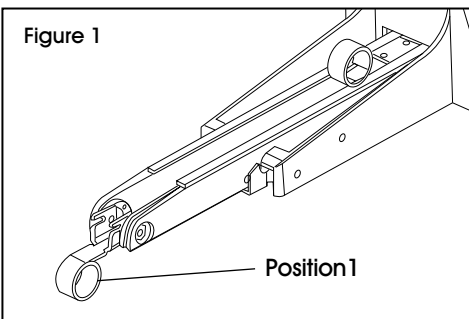
### LOADING THE MAGAZINE

1. Disconnect from air supply.



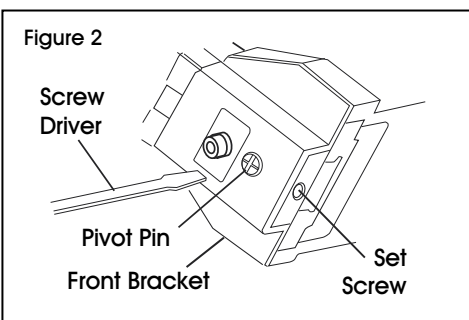
**WARNING!** When loading stapler, never place a hand or any part of the body in fastener discharge area of the stapler. Never point stapler at anyone. Do not pull the trigger or depress the trip as accidental actuation may occur, possibly causing injury.

2. Pull back the pusher until it is tucked under the rear of the magazine in position 1. (See Figure 1)

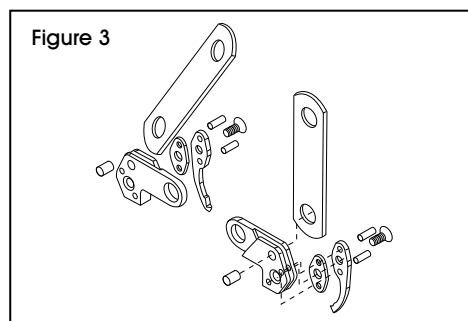


3. Check staple leg length – Adjustment is provided in the H-3532/H-3534 for different staple leg lengths.

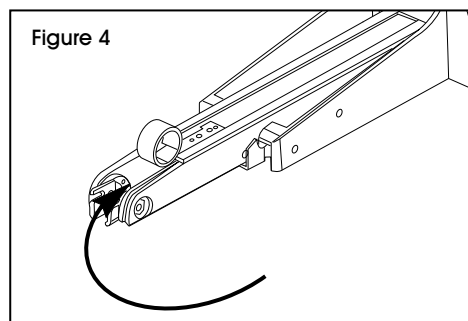
- a. To adjust machine for leg length, loosen set screw (See Figure 2) and turn pivot pin 180° with a screwdriver to the desired adjustment as noted. Tighten set screw.



- b. To change shallow clinchers (see part charts for part numbers) remove screws and front bracket to provide access to clinchers. Change one at a time to prevent reversing part. Also part #45 (See Figure 3) will need to be changed to specified spacer in the table.

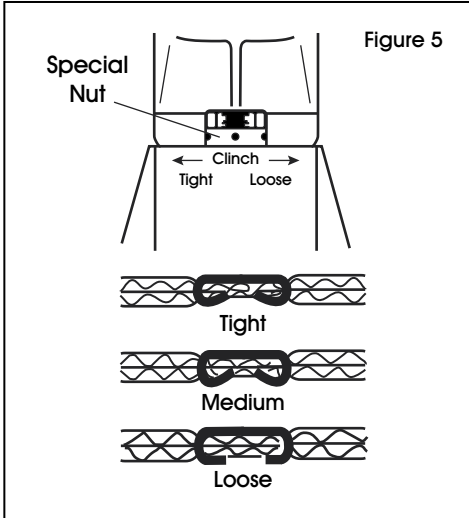


4. Load the staple stick from the rear of the tool.
5. Slide the pusher from position 1 to the rear of the staple stick (See Figure 4)



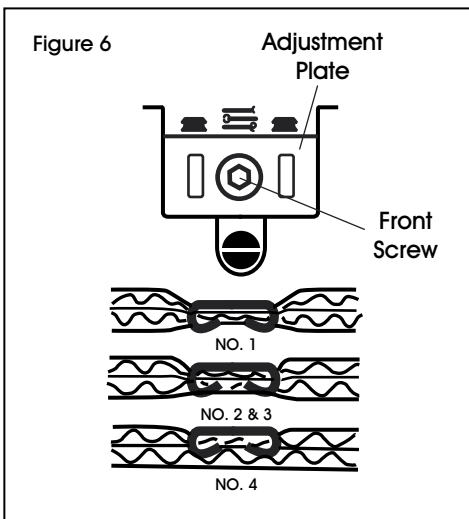
## LOADING THE MAGAZINE CONTINUED

- Clinch Adjustment** – Turn special nut clockwise to tighten clinch and counterclockwise to loosen clinch. Use a tool to fit 1/8" (3mm) hole (See Figure 5).



**NOTE:** Remove adjusting tool after adjustment.

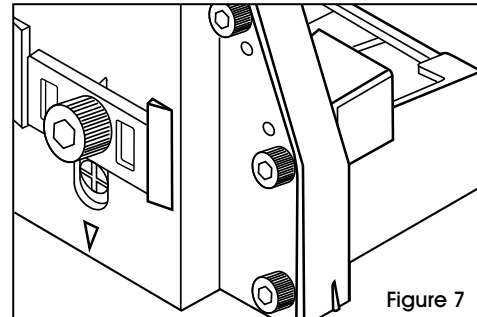
- Depth Adjustment** – Loosen front screw and adjust to desired length (See Figure 6). When the top edge of adjustment plate is at highest setting (#4), the clinchers are at their shallowest penetration. If set at lowest setting (#1), the clinchers are at their deepest penetration.



**NOTE:** Tighten screw after adjusting stapler.

## USING THE STAPLER

**Stapling** – Grasp handle with one hand. Position on box in line with the desired staple location. There is a small projection on either side of the frame as an aid in locating the position of the staple (See Figure 7). Press trigger. Strongest closure requires end staples close to end of box. Check packaging requirements. Test staple clinching in a sample of the board being used. Adjust clinch for depth of penetration and tightness.

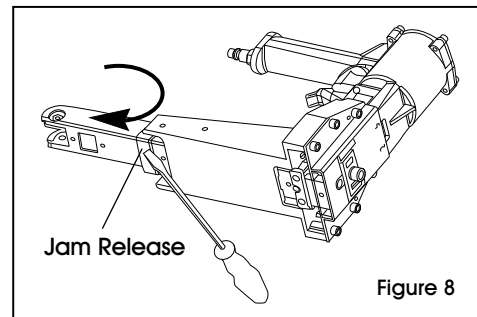


- NOTE:** Always disconnect air supply: 1. Before making adjustments; 2. When servicing the stapler; 3. When clearing a jam; 4. When stapler is not in use; 5. When moving to a different work area, as accidental actuation may occur, possibly causing injury.

## REMOVING STUCK STAPLES

- WARNING!** Always disconnect air supply: 1. When servicing the stapler; 2. When clearing the jam; 3. When stapler is not in use; 4. When moving to a different work area, as accidental actuation may occur.

- Remove the remaining stick from the magazine. Pry jam release forward with a screwdriver (See Figure 8).



## OPERATION CONTINUED

### REMOVING STUCK STAPLES CONTINUED

2. Remove magazine. (See Figure 9)

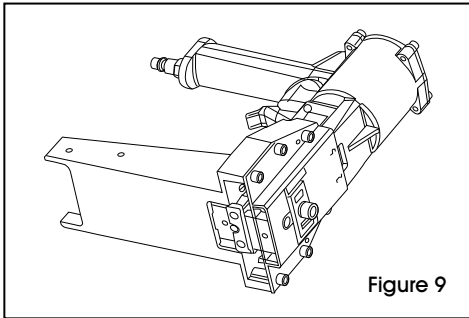


Figure 9

3. Clear the jam and reinsert the magazine. Pry jam release shut. (See Figure 10)

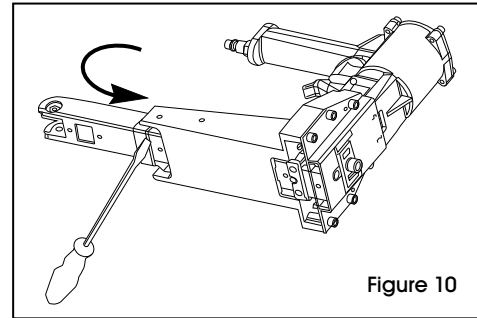


Figure 10

## SAFETY WARNINGS

### OPERATION

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

**STOP** **WARNING!** Keep hands and body away from the discharge area of the stapler.

**STOP** **WARNING!** Do not drive fasteners on top of other fasteners or with the stapler at an overly steep angle as this may cause deflection of fasteners which could cause injury.

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

**!** **CAUTION:** Remove all fasteners from the stapler before performing stapler operation check.

### TRIGGER-OPERATED STAPLER

- With finger off the trigger, hold the stapler with a firm grip on the handle.
- Place the nose of the stapler against the work.
- Pull the trigger to drive.

**STOP** **WARNING!** This is a full-cycle stapler. The stapler will cycle each time the trigger is pulled! Clinchers will discharge and retract.

### EYE PROTECTION

**STOP** **WARNING!** Eye protection which conforms to ANSI specifications and provides protection against flying particles from both the **FRONT** and the **SIDES** should always be worn by the operator and others in the work area when connecting to air supply, loading, operating or servicing this stapler. Eye protection is required to guard against flying fasteners 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 do not provide adequate protection.

### AIR SUPPLY AND CONNECTIONS

**STOP** **WARNING!** Do not use oxygen, combustible gases or bottled gases as a power source for this stapler, as the stapler may explode, possibly causing injury.

**STOP** **WARNING!** Do not use supply sources which can potentially exceed 200 psig as stapler may burst, possibly causing injury.

## SAFETY WARNINGS CONTINUED



**WARNING!** The connector on the stapler must not hold pressure when air supply is disconnected. If a wrong fitting is used, the stapler 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 stapler may cycle, possibly causing injury.



**WARNING!** Always disconnect air supply.

In addition to the other warnings contained in this manual, observe the following for safe operation:

- Use the Bostitch® pneumatic stapler only for the purpose for which it was designed.

- Never use this stapler in a manner that could cause a fastener to be directed toward the user or others in the work area.
- Do not use the stapler as a hammer.
- Always carry the stapler by the handle. Never carry the stapler by the air hose.
- Do not alter or modify this stapler from the original design or function without approval from Bostitch Inc.
- Always be aware that misuse and improper handling of this stapler can cause injury to yourself and others.
- Never leave unattended with the air hose attached.
- Do not operate this stapler if it does not have a legible WARNING LABEL.
- Do not continue to use a stapler that leaks air or does not function properly. Notify Uline if your stapler continues to experience functional problems.

## MAINTENANCE



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

Before evaluating stapler problems for these symptoms, trace the air supply from the stapler to the supply source for restrictive connectors, swivel fittings, low points containing water or anything else that would prevent full volume flow of air to the stapler.

### REPLACEMENT PARTS

- 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 stapler, 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 reassemble add a few drops of Bostitch Air Tool Lubricant through the air line fitting before sealing.

### AIR SUPPLY - PRESSURE AND VOLUME

- Air volume is as important as air pressure. The air volume supplied to the stapler may be inadequate due to undersized fittings and hoses or from the effects of dirt and water in the system. Restricted air flow will prevent the stapler from receiving an adequate volume of air even though the pressure reading is high. The result will be slow operation, misfeeds or reduced driving power.

# SPECIFICATIONS





## STAPLER SPECIFICATIONS

ULINE PART NO.	MFG. PART NO.	LENGTH	HEIGHT	WIDTH	WEIGHT	STAPLE CAPACITY
H-3532	DS-3219	12.6" (320mm)	8.86" (225mm)	4.5" (115mm)	5.45 lbs. (2.45 kg)	120
H-3534	DS-3522	12.6" (320mm)	8.86" (225mm)	4.5" (115mm)	5.45 lbs. (2.45 kg)	120

## FASTENER SPECIFICATIONS

STAPLER	ULINE PART NO.	LEG LENGTH	STAPLE SERIES	WIRE SIZE	CROWN WIDTH	FASTENER RANGE
H-3532	S-18710	5/8"	B58C	.074 x 0.37" (1.88 x .94mm)	1-1/4" (32mm)	5/8 - 3/4" (15-19mm)
	S-18711	3/4"	B34C	.074 x 0.37" (1.88 x .94mm)	1-1/4" (32mm)	5/8 - 3/4" (15-19mm)
H-3534	S-18715	5/8"	SW7437	.074 x 0.37" (1.88 x .94mm)	1-3/8" (35mm)	5/8 - 3/4" (15-19mm)
	S-18716	3/4"	SW7437	.074 x 0.37" (1.88 x .94mm)	1-3/8" (35mm)	5/8 - 3/4" (15-19mm)

## PARTS/STAPLE CHART

MODEL	H-3532/H-3534		H-3534	
	STANDARD/FLAT		DEEP	
CLINCHERS	A01900601(L.H.)	A01900501(R.H.)	A01200601(R.H.)	A01200601(L.H.)
SPACERS	A02300801	A02300801	—	—
STAPLE LENGTHS	5/8" (16mm)	3/4" (19mm)	3/4" (19mm)	7/8" (22mm)
DIAL POSITION				

## STAPLER AIR FITTING

This stapler must use a male free-flow connector plug, 1/4" N.P.T. The minimum inside diameter should be .300" (5mm). Fitting must be capable of discharging stapler air pressure when disconnected from the air supply.

## OPERATING PRESSURE

The operating pressure of the stapler is 70 to 100 psi (5 to 7 kg/cm<sup>2</sup>). Select the operating pressure within this range for best fastener performance.



**CAUTION:** Do not exceed the recommended operating pressure.

## AIR CONSUMPTION

Model H-3532/H-3534 requires 4.0 cubic feet per minute (.113 cubic meters) of free air to operate at the rate of 100 fasteners per minute, at 80 psi (5.66kg/cm<sup>2</sup>). Take the actual rate at which the stapler will be run to determine the amount of air required. For instance, if your fastener usage averages 50 fasteners per minute, you need 50% of the stapler's cfm of free air which is required for running at 100 fasteners per minute.

# TROUBLESHOOTING

OPERATING ISSUE	CAUSES	RECOMMENDATIONS
Trigger valve housing leaks air Trigger valve stem leaks air	O-Ring cut or cracked O-Ring/seals cut or cracked	Replace O-Ring Replace trigger valve assembly
Frame/piston rod leaks air	O-Ring	Replace O-Ring
Frame/cap leaks air	Damaged O-Ring Loose cap screws Broken piston	Replace O-Ring Tighten and recheck Replace piston
Lack of power; slow to cycle	Tool dry, lacks lubrication O-Rings/seals cut or cracked Exhaust blocked Trigger assembly work, leaks Dirt/tar buildup on driver Air pressure too low Worn or misadjusted cycle lever	Use Bostitch Air Tool Lubricant Replace O-Rings/seals Check bumper, head valve spring Replace trigger assembly Disassemble nose/driver to clean Check air supply equipment Adjust adjustment nut or replace adjustment lever
Skipping fasteners, Intermittent feed	Tar/dirt in driver channel  Air restriction/inadequate air flow through quick disconnect socket and plug  Worn piston O-Ring/piston Tool dry, lacks lubrication Low air pressure Loose magazine nose screws Leaking head cap gasket Trigger valve O-Ring cut/worn Broken/chipped driver Worn anvil/pusher Broken pusher spring Worn former Dry/dirty magazine	Disassemble and clean nose and driver  Replace quick disconnect fittings  Replace O-Ring/piston Use Bostitch Air Tool Lubricant Check air supply system to tool Tighten all screws Tighten screws/replace gasket Replace O-Ring Replace driver (check piston O-Ring) Replace anvil/pusher Replace pusher spring Replace former Clean/lubricate use Bostitch Air Tool Lubricant
Fasteners jam in stapler	Driver channel worn Wrong size fasteners Bent fasteners Loose magazine nose screws Broken/chipped driver Worn former Worn anvil/pusher	Replace nose/check door Use only recommended fasteners Discontinue using these fasteners Tighten all screws Replace driver Replace former Replace pusher