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› Stanley Bostitch SB156SL-1-E Pneumatic Stapler User Manual

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Model: SB156SL-1-E | Brand: Stanley Bostitch

1. PRODUCT OVERVIEW

The Stanley Bostitch SB156SL-1-E is a robust pneumatic stapler designed for various fastening applications. It features a durable aluminum body, an ergonomic rubber grip for comfortable use, and an oil-free system for reduced maintenance. This tool is engineered for efficiency and safety, incorporating a depth regulator and contact safety mechanism.



Figure 1: Stanley Bostitch SB156SL-1-E Pneumatic Stapler. This image shows the side view of the yellow and black pneumatic stapler, highlighting its compact design and ergonomic handle.

Key Features:

- Durable aluminum body construction.
- Ergonomic rubber grip for enhanced comfort and control.
- Anti-damage points to protect work surfaces.
- Adjustable depth regulator for precise fastener placement.
- Adjustable air deflector.
- Contact safety mechanism to prevent accidental firing.
- Oil-free system for minimal maintenance.
- Rear air exhaust and rear loading magazine.

2. SAFETY INSTRUCTIONS

Always prioritize safety when operating power tools. Failure to follow these instructions may result in serious injury or property damage.

- **Read the Manual:** Before operating, read and understand all instructions and warnings in this manual.
- **Eye Protection:** Always wear ANSI Z87.1 compliant safety glasses with side shields.
- **Hearing Protection:** Wear hearing protection to prevent noise-induced hearing loss.
- **Hand Protection:** Wear appropriate gloves to protect hands.
- **Air Supply:** Ensure the air compressor is set to the recommended operating pressure (4.80 - 7.00 bar / 70-100 PSI). Never exceed the maximum pressure.
- **Disconnect Air:** Always disconnect the air supply before loading fasteners, performing maintenance, clearing jams, or leaving the tool unattended.
- **Work Area:** Keep the work area clean, well-lit, and free of obstructions. Keep bystanders, especially children, away from the operating area.
- **Proper Grip:** Maintain a firm grip on the tool and be aware of its recoil.
- **Fastener Direction:** Never point the tool at yourself or others. Ensure fasteners will not penetrate thin materials and strike objects or people on the other side.
- **Tool Condition:** Do not operate a damaged or malfunctioning tool. Inspect the tool before each use.
- **Contact Safety:** The tool is equipped with a contact safety mechanism. Do not bypass or disable this feature.

3. SETUP

3.1 Connecting to Air Supply

1. Ensure the air compressor is off and depressurized.
2. Connect a 1/4 BSP threaded air fitting to the tool's air inlet.
3. Attach the air hose from your compressor to the tool's air fitting.
4. Set the air compressor pressure regulator to the recommended operating range of 4.80 - 7.00 bar (70 - 100 PSI).
5. Turn on the air compressor and check for any air leaks.

3.2 Loading Fasteners

This stapler uses 92 & SL series fasteners with a crown of 8mm, lengths from 12mm to 40mm, and a diameter of 0.9mm to 1.3mm. The magazine capacity is 110 fasteners.

1. **Disconnect the air supply before loading fasteners.**
2. Locate the rear-loading magazine.
3. Pull back the pusher mechanism until it locks in the open position.
4. Insert a strip of compatible fasteners into the magazine with the points facing down.
5. Release the pusher mechanism, allowing it to push the fasteners forward.
6. Reconnect the air supply.

3.3 Adjusting Depth Regulator

The depth regulator allows you to control how deep the fastener is driven into the material.

1. Locate the depth regulator adjustment knob or lever on the tool.
2. Turn the knob or move the lever to increase or decrease the driving depth.
3. Test the setting on a scrap piece of material before beginning your project.

4. OPERATING INSTRUCTIONS

Once the tool is set up and connected to the air supply, you can begin operation.



Figure 2: Stanley Bostitch SB156SL-1-E in operation. This image shows the pneumatic stapler being used to fasten a piece of wood, demonstrating its practical application.

1. **Safety First:** Always wear appropriate personal protective equipment (PPE) including eye and hearing protection.
2. **Position the Tool:** Place the nose of the stapler firmly against the workpiece where you want to drive a fastener. Ensure the contact safety mechanism is fully depressed against the surface.
3. **Fire the Tool:** Squeeze the trigger to drive a fastener. The contact safety must be depressed for the tool to fire.
4. **Recoil:** Be prepared for the tool's recoil after each shot. Maintain a firm grip.
5. **Continuous Operation:** For rapid fastening, you can hold the trigger and depress the nose against the workpiece for each subsequent fastener (bump fire mode, if applicable and safe for your model). Refer to specific tool markings for firing modes.
6. **Check Fastener Depth:** Periodically check the depth of the driven fasteners and adjust the depth regulator as

needed.

7. **Clear Jams:** If the tool jams, immediately disconnect the air supply and follow the troubleshooting steps to clear the jam.

5. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your Stanley Bostitch SB156SL-1-E stapler. Always disconnect the air supply before performing any maintenance.



Figure 3: Stanley Bostitch SB156SL-1-E, alternative side view. This image provides another perspective of the stapler, useful for identifying components during maintenance.

- **Cleaning:** Keep the tool clean and free of debris. Use a clean, dry cloth to wipe down the exterior. Compressed air can be used to clear dust from crevices, ensuring eye protection is worn.
- **Oil-Free System:** This tool features an oil-free system, meaning no internal lubrication is required for the tool itself. However, ensure your air compressor and air lines are properly maintained and free of moisture.

- **Inspect Air Fittings:** Regularly check air fittings and hoses for wear, damage, or leaks. Replace any worn components immediately.
- **Fastener Magazine:** Keep the fastener magazine clean to ensure smooth feeding of fasteners.
- **Driver Blade:** Inspect the driver blade for wear or damage. If worn, it may need replacement by a qualified service technician.
- **Storage:** Store the tool in a dry, secure location when not in use. Disconnect the air supply and empty the magazine before storage.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your pneumatic stapler. Always disconnect the air supply before attempting any troubleshooting or repairs.

Problem	Possible Cause	Solution
Tool does not fire.	No air supply; low air pressure; contact safety not fully depressed; jammed fasteners; broken trigger/safety mechanism.	Check air hose connection and compressor pressure; ensure contact safety is fully depressed against workpiece; clear any jams; contact service if mechanism is broken.
Fasteners not driven to full depth.	Low air pressure; depth regulator set too shallow; incorrect fastener length for material; worn driver blade.	Increase air pressure within recommended range; adjust depth regulator; use appropriate fastener length; inspect and replace driver blade if worn.
Tool jams frequently.	Incorrect fastener type/size; damaged fasteners; dirty magazine; worn driver blade.	Use only recommended fasteners; inspect fasteners for damage before loading; clean magazine; inspect and replace driver blade if worn.
Air leaks from tool.	Loose air fittings; damaged O-rings or seals.	Tighten air fittings; contact service for replacement of internal seals/O-rings.

7. SPECIFICATIONS

Technical specifications for the Stanley Bostitch SB156SL-1-E Pneumatic Stapler.

Specification	Value
Model	SB156SL-1-E
Power Type	Pneumatic
Weight	1.75 kg (3.86 lbs)
Dimensions (L x W x H)	270 mm x 76 mm x 275 mm (approx. 10.6 x 3.0 x 10.8 inches)
Fastener Series	92 & SL Series
Fastener Capacity	110 fasteners
Fastener Diameter	0.9 mm (min) - 1.3 mm (max)
Fastener Crown	8 mm

Specification	Value
Fastener Length	12 mm (min) - 40 mm (max)
Operating Pressure	4.80 - 7.00 bar (70 - 100 PSI)
Air Consumption	0.9 Ltr. per shot at 5.6 bar
Air Inlet Type	1/4 BSP
Material	Aluminum
Color	Yellow
Sound Pressure Level (LPA 1sd)	75.20 dB(A)
Sound Power Level (LWA 1sd)	82.60 dB(A)
Vibration/Uncertainty	3.77/1.885 m/s ²

8. WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries, please refer to the official Stanley Bostitch website or contact their customer service department. Keep your purchase receipt as proof of purchase for warranty claims.

Online Resources: Visit the official [Stanley Bostitch website](#) for product registration, FAQs, and additional support materials.

Customer Service: Contact details for customer service can typically be found on the manufacturer's website or on the product packaging.