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> Flexco S1S Wrench Lacing Tool Instruction Manual

## Flexco 28001570

# Flexco S1S Wrench Lacing Tool Instruction Manual

Model: 28001570

## 1. PRODUCT OVERVIEW

The Flexco S1S Wrench Lacing Tool (Model 28001570) is designed for the efficient installation of bolt-hinge conveyor belt lacing. This specialized tool facilitates the secure attachment of lacing to conveyor belts, ensuring reliable operation and minimizing system downtime.

Key functions of this tool include:

- Creating bolt holes in the conveyor belt.
- Installing nuts onto the bolts to secure the lacing.
- Snipping off excess bolt ends after installation.

It is suitable for both new conveyor belt installations and the repair of existing belts, contributing to the longevity and performance of conveyor systems.



*Figure 1: The Flexco S1S Wrench Lacing Tool. This image displays the dark gray metal tool, featuring a flat, tapered end for leverage and a cylindrical end with an internal mechanism designed for securing bolts during conveyor belt lacing installation.*

## 2. SAFETY INFORMATION

Always prioritize safety when operating any tools. Adhere to the following guidelines:

- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the conveyor system is de-energized and locked out before beginning any work on the belt.
- Read and understand all instructions before using the tool.
- Keep hands and fingers clear of moving parts and sharp edges.
- Use the tool only for its intended purpose.
- Store the tool in a safe, dry place when not in use.

### 3. SETUP

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Before installing bolt-hinge lacing, ensure the following:

1. **Prepare the Conveyor Belt:** Clean the belt ends thoroughly. Ensure the belt is cut squarely and to the correct length for the lacing application.
2. **Gather Components:** Have all necessary bolt-hinge lacing components readily available, including the lacing segments, bolts, nuts, and any required washers.
3. **Inspect the Tool:** Verify that the Flexco S1S Wrench Lacing Tool is clean and in good working condition. Check for any signs of damage or wear.

### 4. OPERATING INSTRUCTIONS

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Follow these steps for installing bolt-hinge lacing using the Flexco S1S Wrench Lacing Tool:

1. **Position the Lacing:** Align the bolt-hinge lacing segments precisely on the end of the conveyor belt. Ensure proper spacing and alignment according to the lacing manufacturer's guidelines.
2. **Create Bolt Holes:** Use the appropriate bit or punch (if included with your lacing system, or a separate tool) to create the necessary bolt holes through the conveyor belt, matching the lacing pattern.
3. **Insert Bolts:** Insert the bolts through the lacing and the prepared holes in the conveyor belt.
4. **Attach Nuts:** Place a nut onto each bolt. Use the Flexco S1S Wrench Lacing Tool to tighten the nuts securely. The wrench end of the tool is designed to engage with the nuts for efficient tightening. Ensure all nuts are tightened to the manufacturer's recommended torque specifications, if provided.
5. **Snip Bolt Ends:** Once all nuts are securely tightened, use the bolt breaker feature of the tool (or a separate bolt breaker) to snip off the projecting ends of the bolts. This prevents snagging and ensures a flush finish.
6. **Final Inspection:** Visually inspect the installed lacing to confirm all bolts are secure, nuts are tight, and excess bolt material has been removed.

### 5. MAINTENANCE

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Proper maintenance extends the life of your Flexco S1S Wrench Lacing Tool:

- **Cleaning:** After each use, wipe the tool clean of any dirt, grease, or belt material. A clean cloth is usually sufficient.
- **Lubrication:** Periodically apply a light coat of machine oil to any moving parts or threaded sections to prevent rust and ensure smooth operation.
- **Storage:** Store the tool in a dry environment to prevent corrosion. Keep it away from excessive moisture and extreme temperatures.

- **Inspection:** Regularly inspect the tool for signs of wear, damage, or deformation. Replace the tool if any critical damage is observed that could compromise its function or safety.

## 6. TROUBLESHOOTING

This section addresses common issues encountered during the use of the lacing tool.

Problem	Possible Cause	Solution
Nuts not tightening properly.	Incorrect tool engagement; damaged nut or bolt threads; worn tool.	Ensure the tool is fully engaged with the nut. Inspect nuts and bolts for damage and replace if necessary. Check the tool for wear.
Difficulty snipping bolt ends.	Improper positioning; dull cutting edge on bolt breaker.	Ensure the bolt end is correctly positioned in the bolt breaker. Inspect the bolt breaker's cutting edge for sharpness.
Tool feels stiff or rusty.	Lack of lubrication; exposure to moisture.	Clean the tool and apply a light machine oil. Store in a dry environment.

## 7. SPECIFICATIONS

Attribute	Detail
Brand	Flexco
Model Number	28001570
Item Weight	16 ounces (1 Pound)
Package Dimensions	12 x 10 x 1 inches
Compatible Devices	Conveyor System
Color	Multicolor (referring to the tool's finish)
Manufacturer	Flexco

## 8. CONTACT AND SUPPORT

For further assistance, technical support, or inquiries regarding the Flexco S1S Wrench Lacing Tool, please refer to the official Flexco website or contact their customer service department. Specific contact details may vary by region.

For more information about Flexco products, visit: [www.flexco.com](http://www.flexco.com)