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> [Lisle 59000 Ratcheting Serpentine Belt Tool Instruction Manual](#)

## Lisle 59000

# Lisle 59000 Ratcheting Serpentine Belt Tool Instruction Manual

Brand: Lisle | Model: 59000

## INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your Lisle 59000 Ratcheting Serpentine Belt Tool. This tool is designed to simplify the removal and installation of serpentine belts on vehicles equipped with spring-loaded idler pulleys.

## SAFETY INFORMATION

- Always wear appropriate personal protective equipment, including safety glasses and gloves, when working on vehicles.
- Ensure the vehicle is stable and properly supported before beginning any work.
- Disconnect the battery to prevent accidental starting or electrical hazards.
- Exercise caution when releasing belt tension, as pulleys can snap back with force.
- Refer to your vehicle's specific service manual for detailed instructions on belt routing and tensioner operation.

## PACKAGE CONTENTS

The Lisle 59000 Ratcheting Serpentine Belt Tool includes the following components:

- Ratcheting Serpentine Belt Tool Handle
- Extension Bar
- Various Low-Profile Sockets (including 19mm for Honda and Toyota)
- Manufactured Brand Product



Figure 1: Lisle 59000 Ratcheting Serpentine Belt Tool components.

## SETUP

1. **Select Appropriate Socket:** Identify the correct size socket required for your vehicle's serpentine belt tensioner pulley bolt. The kit includes various low-profile sockets, including a 19mm socket for Honda and Toyota applications.
2. **Attach Socket:** Securely attach the selected socket to the ratcheting head of the tool handle.
3. **Use Extension (if needed):** For hard-to-reach idler pulleys, attach the extension bar between the ratcheting handle and the socket.

## OPERATING INSTRUCTIONS

This tool is designed to release tension on serpentine belts with a spring-loaded idler pulley.

1. **Position the Tool:** Place the assembled tool onto the serpentine belt tensioner pulley bolt. Ensure the socket is fully engaged with the bolt head.

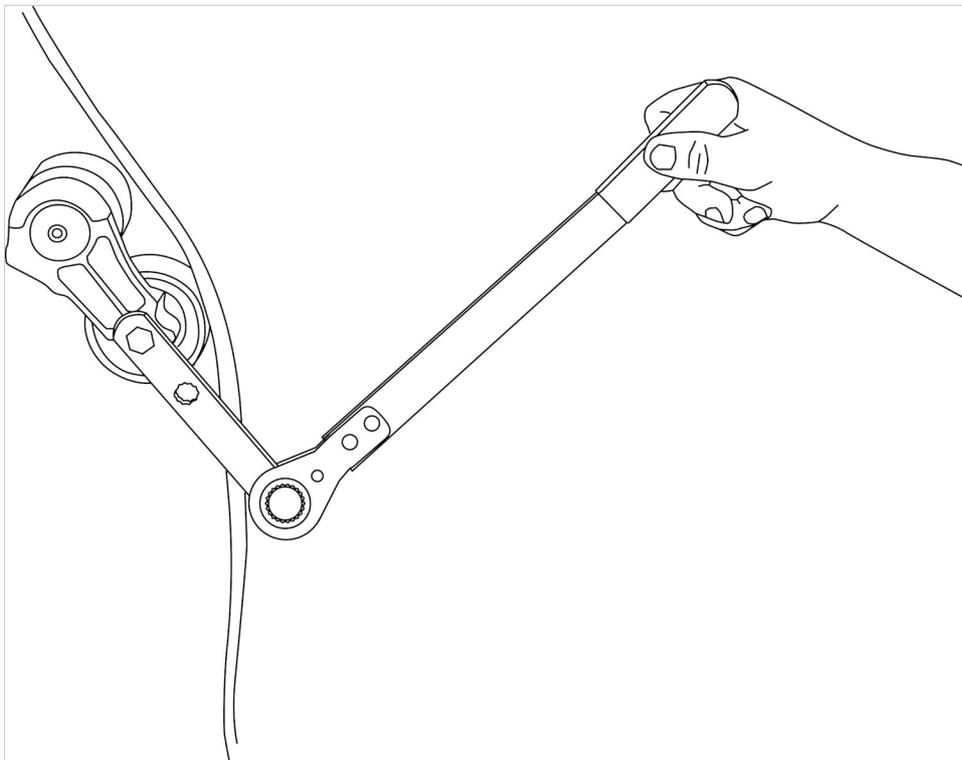


Figure 2: Tool positioned on the tensioner pulley bolt.

2. **Set Ratcheting Head:** Set the ratcheting head to the middle or neutral/freewheel position. This allows for initial positioning without engaging the ratchet mechanism.
3. **Apply Leverage:** Apply steady pressure to the tool handle to rotate the tensioner pulley and release tension from the serpentine belt. The freewheel position allows maximum leverage.

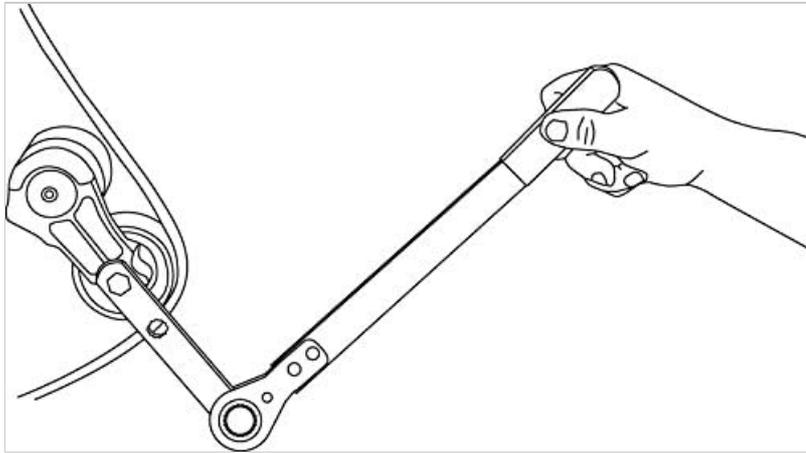


Figure 3: Applying leverage to release belt tension.

4. **Lock Ratchet (if needed):** Once the maximum travel point is reached, click the lever into place to lock the ratchet mechanism, holding the tensioner in the released position. This can be useful for maintaining tension release while manipulating the belt.
5. **Remove/Install Belt:** Carefully remove the old serpentine belt or install the new one.
6. **Release Tensioner:** Once the belt is in place, release the ratchet mechanism and slowly allow the tensioner to return to its original position.
7. **Verify Belt Routing:** Double-check that the new belt is correctly routed around all pulleys according to your vehicle's specifications.

## MAINTENANCE

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- **Cleaning:** After each use, wipe the tool clean with a dry cloth to remove any grease, oil, or dirt.
- **Storage:** Store the tool and its components in a dry, clean environment to prevent rust and damage.
- **Inspection:** Periodically inspect the tool for any signs of wear, damage, or corrosion. Replace any damaged components immediately.

## TROUBLESHOOTING

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### **Issue: Tool does not fit tensioner bolt.**

**Solution:** Ensure you are using the correct size socket for your vehicle's tensioner. The kit includes various sizes; consult your vehicle's service manual for the exact specification.

### **Issue: Difficulty reaching the tensioner.**

**Solution:** Utilize the included extension bar to gain additional reach and leverage in confined engine compartments.

### **Issue: Ratchet mechanism not engaging or releasing properly.**

**Solution:** Check that the directional lever on the ratcheting head is fully engaged in either the forward, reverse, or neutral/freewheel position. Clean any debris that might be obstructing the mechanism.

## SPECIFICATIONS

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- **Brand:** Lisle
- **Model:** 59000
- **Item Weight:** 2 pounds
- **Manufacturer Part Number:** 59000

- **OEM Part Number:** 59000
- **First Available:** May 12, 2008

## WARRANTY

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For warranty information, please refer to the manufacturer's official website or contact their customer support.

## CUSTOMER SUPPORT

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For further assistance or inquiries, please visit the [Lisle Store on Amazon](#) or consult the official Lisle website.