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### Lisle 37980

# Lisle 37980 60 Degree Electrical Disconnect Pliers User Manual

Brand: Lisle | Model: 37980

## 1. PRODUCT OVERVIEW

The Lisle 37980 60 Degree Electrical Disconnect Pliers are designed for efficient and damage-free removal of locking push-tab style electrical connectors. Their angled tips provide improved access to connectors in hard-to-reach areas, commonly found on mass air flow sensors, fuel injectors, ignition coils, and other automotive applications. The tool features a spring action for one-handed operation and dual durometer grips for enhanced comfort and control.



Figure 1: Lisle 37980 60 Degree Electrical Disconnect Pliers in open position.

## 2. OPERATING INSTRUCTIONS

Follow these steps for proper use of the Lisle 37980 Electrical Disconnect Pliers:

1. **Identify the Connector:** Locate the locking push-tab style electrical connector you intend to disconnect.
2. **Unlock the Tab:** Use the hook end of the pliers to gently pull out the locking tab on the connector. This action disengages the primary locking mechanism.
3. **Engage the Tab:** Position the pointed tip of the pliers to engage the now-unlocked tab.
4. **Separate the Connector:** Squeeze the handles of the pliers together while simultaneously lifting to separate the connector from the sensor or component. The spring action facilitates one-handed operation.
5. **Inspect:** After disconnection, inspect both parts of the connector for any signs of damage before reassembly or further work.



Figure 2: Pliers being used to disconnect an electrical connector in an automotive engine bay.

## Instructional Videos

### **Video: 37980 Electrical Disconnect Pliers by Pschimit.W**

This video demonstrates the effective use of the Lisle 37980 Electrical Disconnect Pliers for removing automotive electrical connectors.

### **Video: 37980 Electrical Disconnect Pliers by SafeHabor.B.D**

A visual guide showcasing the functionality of the 37980 pliers for various electrical connections.

### **Video: Lisle Brand - Must Have by SCHRODINGER'S TOOLBOX**

This short video highlights the utility of Lisle disconnect pliers, including the 37980 model, for automotive tasks.

## Video: Electrical Disconnect Pliers 37980, Connector Separator 13120 by Tools Artist

A detailed demonstration of the Lisle 37980 pliers and a connector separator tool in action.

### 3. MAINTENANCE

To ensure the longevity and optimal performance of your Lisle 37980 Electrical Disconnect Pliers, follow these maintenance guidelines:

- **Cleaning:** After each use, wipe the pliers clean with a dry cloth to remove any dirt, grease, or debris. For stubborn grime, use a mild degreaser and ensure the tool is thoroughly dried afterward.
- **Lubrication:** Periodically apply a light coat of machine oil to the pivot points to maintain smooth operation and prevent rust.
- **Storage:** Store the pliers in a clean, dry environment to prevent corrosion. Keep them away from excessive moisture or corrosive chemicals.
- **Inspection:** Regularly inspect the pliers for any signs of wear, damage, or misalignment. Discontinue use if significant damage is observed.

### 4. TROUBLESHOOTING

If you encounter issues while using your Lisle 37980 Electrical Disconnect Pliers, consider the following:

- **Difficulty Disconnecting:** Ensure the hook and point are correctly engaging the locking tab. Some connectors may require a specific angle or technique. Refer to the operating instructions and instructional videos for proper engagement.
- **Damage to Connector:** If connectors are being damaged, verify that the pliers are correctly positioned and that excessive force is not being applied. The tool is designed for damage-free removal when used as intended.
- **Stiff Operation:** If the pliers feel stiff, apply a small amount of lubricant to the pivot joint as part of routine maintenance.

For persistent issues or concerns, please contact Lisle customer support.

### 5. SPECIFICATIONS

Feature	Detail
Brand	Lisle
Model Number	37980
Style	60 Degree
Material	Alloy Steel
Handle Material	Alloy Steel
Color	Black
Item Weight	0.49 Pounds (7.8 ounces)
Product Dimensions	12.5 x 5.25 x 1 inches
Specific Uses For Product	Gripping, Electrical Disconnect
Grip Type	Ergonomic

Item Package Quantity	1
UPC	083045379805

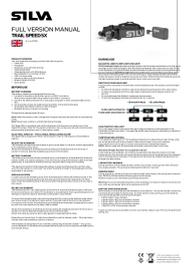
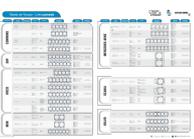
## 6. WARRANTY INFORMATION

The Lisle 37980 Electrical Disconnect Pliers come with a **Limited Lifetime Warranty**. For specific details regarding warranty coverage, claims, or service, please refer to the official Lisle product documentation or contact Lisle customer support directly.

## 7. SUPPORT

For further assistance, technical support, or inquiries about the Lisle 37980 Electrical Disconnect Pliers, please visit the official Lisle website or contact their customer service department. Always refer to the manufacturer's official resources for the most accurate and up-to-date information.

### Related Documents - 37980

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	<p><a href="#">Kincrome Product Guide 2019/20: Professional Tools &amp; Equipment</a></p> <p>Explore the Kincrome Product Guide 2019/20, featuring a comprehensive range of professional quality tools and equipment. Discover Kincrome's own brands alongside Supatool, Finkal, and Lisle, catering to automotive, hardware, industrial, and retail sectors. This guide details tool kits, storage solutions, and more.</p>
	<p><a href="#">Silva Trail Speed 5X Headlamp: Full Version Manual</a></p> <p>Comprehensive user manual for the Silva Trail Speed 5X headlamp. Includes product overview, setup instructions, usage guide, technical specifications, maintenance, and warranty information.</p>
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