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Coghlan's Sierra Saw

Coghlan's Sierra Saw Instruction Manual

Model: Sierra Saw

Introduction

The Coghlan's Sierra Saw is a compact and durable folding saw designed for outdoor activities such as camping, hiking, and general yard work. It features a 7-inch tempered flexible steel blade that provides clean and efficient cuts. The saw's folding design ensures safe storage and portability, while its locking mechanism secures the blade during use. The handle is engineered for durability and comfort.

Safety Information

WARNING: Always exercise extreme caution when handling and operating any saw. Improper use can result in serious injury.

- Keep hands and fingers away from the blade at all times, especially during folding and unfolding.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection, when operating the saw.
- Ensure the blade is fully locked in the open position before use.
- Ensure the blade is fully locked in the closed position before storage or transport.
- Do not use the saw if the blade is damaged or the locking mechanism is faulty.
- Keep out of reach of children.
- Use only for its intended purpose of cutting wood or similar soft materials. Do not attempt to cut metal, stone, or other hard materials.

Components

The Coghlan's Sierra Saw consists of the following main components:

- **Serrated Steel Blade:** The 7-inch cutting edge.
- **Folding Handle:** The ergonomic handle that houses the blade when folded.
- **Locking Mechanism:** A safety feature that secures the blade in both open and closed positions.

- **Pivot Pin:** The point around which the blade folds.



Image: The Coghlan's Sierra Saw in its unfolded, ready-to-use state. The 7-inch serrated steel blade is fully extended from the black, ergonomic handle, clearly showing the Coghlan's branding on the blade.

Setup

To prepare your Coghlan's Sierra Saw for use:

1. **Unfold the Blade:** Carefully grasp the handle and the back of the folded blade. Gently pivot the blade outwards from the handle until it is fully extended.
2. **Engage the Locking Mechanism:** As the blade reaches its fully open position, the locking mechanism will automatically engage, securing the blade in place. You should hear or feel a click.
3. **Verify Lock:** Before use, gently attempt to fold the blade to ensure the lock is fully engaged and the blade is stable. Do not proceed if the blade is not securely locked.



Image: The Coghlan's Sierra Saw as it appears in its retail packaging. The saw is shown in its folded position, highlighting its compact form factor for storage and transport.

Operating Instructions

Follow these steps for safe and effective operation of your Sierra Saw:

1. **Secure the Workpiece:** Ensure the branch or material you intend to cut is stable and will not shift during sawing.
2. **Grip the Saw:** Hold the handle firmly with both hands if possible, or one hand if the material is small, ensuring a secure and comfortable grip.
3. **Start the Cut:** Place the blade on the material at the desired cutting point. Apply light pressure and use a smooth, controlled back-and-forth motion to initiate the cut. The Sierra Saw cuts efficiently on the pull stroke.
4. **Maintain Control:** Allow the saw's teeth to do the work. Avoid excessive force, which can bind the blade or cause it to jump. Maintain a steady rhythm.
5. **Complete the Cut:** Continue sawing until the material is fully severed. Be mindful of the material's weight as it separates to prevent injury or damage.
6. **Fold and Store:** Once finished, carefully disengage the locking mechanism (refer to Maintenance section for details on folding) and fold the blade back into the handle. Ensure it locks securely in the closed position before storing.



Image: A person's hand holding the Coghlan's Sierra Saw, actively cutting a tree branch. In the background, there are several cut pieces of wood, demonstrating the saw's utility in outdoor environments.

Maintenance

Proper maintenance will extend the life of your Coghlan's Sierra Saw:

- **Cleaning:** After each use, clean the blade and handle to remove sap, dirt, and debris. Use a damp cloth and mild soap if necessary. Dry thoroughly to prevent rust.
- **Lubrication:** Occasionally apply a light coat of rust-preventative oil to the blade and the pivot point to ensure smooth operation and prevent corrosion.
- **Storage:** Always store the saw in its folded and locked position in a dry place, away from moisture and extreme temperatures. Keep it out of reach of children.
- **Blade Sharpening:** The Coghlan's Sierra Saw features a blade designed to "never needs sharpening." However, if the blade becomes dull or damaged over extensive use, replacement may be considered if available, or the saw

should be retired.

- **Folding the Blade for Storage:** To fold the blade, locate the locking lever or button near the pivot point. Depress or slide it to release the blade, then carefully and slowly fold the blade back into the handle until it clicks into its closed, locked position. Always keep fingers clear of the blade path.

Troubleshooting

Problem	Possible Cause	Solution
Blade does not lock open.	Locking mechanism obstructed or damaged.	Check for debris around the locking mechanism. Clean thoroughly. If still not locking, the mechanism may be damaged and the saw should not be used.
Blade feels stiff when opening/closing.	Dirt/sap buildup or lack of lubrication at pivot.	Clean the pivot area thoroughly. Apply a small amount of lubricant (e.g., light machine oil) to the pivot point.
Saw is not cutting effectively.	Blade is dull or dirty. Incorrect technique.	Clean the blade. Ensure you are using proper pull-stroke technique. If the blade is dull, consider replacing the saw as it is designed not to require sharpening.

Specifications

Feature	Detail
Model	Sierra Saw
Blade Length	7 inches (18 cm)
Overall Length (Open)	16 inches
Overall Length (Closed)	9.5 inches
Weight	5.5 oz
Blade Material	Tempered Flexible Steel (Alloy Steel)
Handle Material	Plastic (Unbreakable Handle)
Blade Type	Serrated, Folding, Locking
Power Source	Manual
UPC	730707264732

Warranty and Support

Coghlan's products are known for their quality and durability. For specific warranty information or support inquiries regarding your Sierra Saw, please refer to the official Coghlan's website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
You can often find more information and contact details on the official Coghlan's website:www.coghlans.com

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