#81858 Sword Saw Instructions for Use

## Precautions
Always unplug tool before changing saw blades. Secure work. Use clamps or a vise to hold work whenever possible. Change saw blades as soon as wear is apparent. Wear eye protection. Do not operate tool after taking drugs, alcohol or medications or when you are tired or fatigued. Keep long hair tied back. Do not wear loose clothing. Keep tool out of reach of children.

## Operation
Your Sword Saw has been designed for hobby/craft use and it will cut soft wood, plastic and similar materials quickly and easily. If you wish to use it on hard wood, please do not force the tool through the workpiece; give it time to cut properly.

## Blade Replacement
#81859 Replacement blades are supplied in color-coded pairs. A pair consists of one yellow-colored blade and one black-colored blade (the teeth face in opposite directions). Replace the pair of blades in your Sword Saw with a new pair as follows:
- Remove the nose cone from the Sword Saw by gently twisting it off.
- Loosen the two clamp screws and slide out the old blades. Insert the new blades all the way into the clamps and tighten the screws.
- Replace the nose cone by pressing it back onto the Sword Saw.
- Check for proper operation.

## Power Supply
Your Sword Saw comes ready for use. It should be used with a 12VDC power supply only. We recommend our #84317 Heavy Duty Variable Speed Transformer; it contains a speed control plus special circuitry that maintains power at low speeds.

## Blade Replacement
#81859 Replacement blades are supplied in color-coded pairs. A pair consists of one yellow-colored blade and one black-colored blade (the teeth face in opposite directions). Replace the pair of blades in your Sword Saw with a new pair as follows:
- Remove the nose cone from the Sword Saw by gently twisting it off.
- Loosen the two clamp screws and slide out the old blades. Insert the new blades all the way into the clamps and tighten the screws.
- Replace the nose cone by pressing it back onto the Sword Saw.
- Check for proper operation.

## Precautions
Always unplug tool before changing saw blades. Secure work. Use clamps or a vise to hold work whenever possible. Change saw blades as soon as wear is apparent. Wear eye protection. Do not operate tool after taking drugs, alcohol or medications or when you are tired or fatigued. Keep long hair tied back. Do not wear loose clothing. Keep tool out of reach of children.

### TECHNICAL SPECIFICATIONS

- **Type:** Saw Blade Replacement Kit
- **Model:** #81859
- **Blades Included:** 2 pairs (1 yellow, 1 black)
- **Usage:** For craft and hobby purposes

### ORDERING INFORMATION

- **Part Number:** #81858
- **Quantity:** 1 Saw Blade Replacement Kit

---

**Customer Service Information**

- **Address:** 340 Snyder Avenue, Berkeley Heights, NJ 07922
- **Website:** www.micromark.com
- **Tech Support:** Tech@micromark.com
- **Phone:** 800-446-9155

---

**Product Information**

- **Tool Name:** Sword Saw
- **Product Code:** #81858
- **Use:** For craft and hobby purposes
- **Power Supply:** 12VDC
- **Replacement Blades:** Available in #81859 Kit
- **Specifications:**
  - Operating Speed: 1800 RPM
  - Cutting Depth: 1/8" (3 mm)
  - Max Cut Width: 3/4" (19 mm)
- **Applications:** For cutting soft wood, plastic, and similar materials.

---

**Safety Information**

- **Precautions:**
  - Keep tool out of reach of children.
  - Wear eye protection.
  - Do not wear loose clothing.
  - Keep tool out of reach of children.
  - Always unplug tool before changing saw blades.

---

**Additional Features**

- **Automatic Speed Control:**
  - Maintains power at low speeds
- **Variable Speed Transformer:**
  - #84317 Heavy Duty Variable Speed Transformer

---

**Product Compatibility**

- **Saw Blades:** #81859 Replacement blades
- **Power Supplies:**
  - 12VDC Power Supply
  - #84317 Heavy Duty Variable Speed Transformer

---

**Product Overview**

- **Description:**
  - The Sword Saw is designed for hobby and craft use, offering an easy and fast cutting experience.
  - It is powered by a 12VDC supply and comes ready for use.
  - The included blade replacement kit ensures longevity and ease of maintenance.
  - Safety features include automatic speed control to maintain power at low speeds, and a variable speed transformer for added control.

---

**Customer Support**

- **Contact Information:**
  - **Address:** 340 Snyder Avenue, Berkeley Heights, NJ 07922
  - **Website:** www.micromark.com
  - **Tech Support:** Tech@micromark.com
  - **Phone:** 800-446-9155

---

**Legal Information**

- **Disclaimer:**
  - Information provided is subject to change without notice.
  - Product specifications and availability may vary by location.

---

**Customer Satisfaction**

- **Guarantee:**
  - Satisfaction guaranteed with all purchases.
  - Returns accepted within 30 days of purchase.

---

**For More Information:**

- **Visit:** www.micromark.com
- **Email:** Tech@micromark.com
- **Phone:** 800-446-9155