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> [Spyder](#) /

> Spyder 400002 Wire Brush Reciprocating Saw Attachment User Manual

## Spyder 400002

# Spyder 400002 Wire Brush Reciprocating Saw Attachment User Manual

Brand: Spyder | Model: 400002

## 1. INTRODUCTION AND OVERVIEW

The Spyder 400002 Wire Brush Reciprocating Saw Attachment is designed to transform your reciprocating saw into a powerful cleaning and surface preparation tool. This attachment is ideal for removing rust, flaking paint, dirt, and small imperfections from various surfaces, including metal, wood, and concrete. Its design allows it to reach areas where traditional rotary brushes might not fit, making cleanup and surface preparation efficient and straightforward.



Figure 1: Spyder 400002 Wire Brush Reciprocating Saw Attachment.

## 2. SAFETY INFORMATION

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Always prioritize safety when operating power tools and attachments. Failure to follow these safety guidelines may result in serious injury or property damage.

- **Eye Protection:** Always wear ANSI-approved safety goggles or a face shield to protect against flying debris, wire bristles, and dust.
- **Hand Protection:** Wear heavy-duty work gloves to protect hands from sharp edges, heat, and vibrations.
- **Respiratory Protection:** Use a dust mask or respirator, especially when working with materials that produce fine dust or hazardous particles (e.g., lead paint, treated wood).
- **Hearing Protection:** Wear ear protection (earplugs or earmuffs) during extended use to prevent hearing damage from tool noise.
- **Secure Workpiece:** Ensure the workpiece is securely clamped or held to prevent movement during operation.
- **Proper Ventilation:** Work in a well-ventilated area to disperse dust and fumes.
- **Inspect Attachment:** Before each use, inspect the wire brush for any damaged, loose, or missing bristles. Do not use if damaged.
- **Tool Compatibility:** Ensure the attachment is properly secured to your reciprocating saw according to the saw's manufacturer instructions.
- **Avoid Over-Pressuring:** Do not apply excessive force, as this can damage the brush or the workpiece, and may cause kickback.
- **Unplug Tool:** Always unplug the reciprocating saw from the power source or remove the battery pack before attaching, removing, or adjusting the wire brush.
- **Material Compatibility:** Use the brush only on recommended surfaces (metal, wood, concrete). Avoid using on delicate or easily damaged materials.

### 3. PACKAGE CONTENTS

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Verify that all components are present and undamaged upon opening the package:

- 1 x Spyder 400002 Wire Brush Reciprocating Saw Attachment

*Note: Reciprocating saw is not included and must be purchased separately.*

### 4. SETUP

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Follow these steps to properly attach the wire brush to your reciprocating saw:

1. **Ensure Safety:** Disconnect the reciprocating saw from its power source (unplug or remove battery pack) before beginning.
2. **Prepare Saw:** Open the blade clamp mechanism on your reciprocating saw. Refer to your saw's user manual for specific instructions on opening the blade clamp.
3. **Insert Attachment:** Insert the shank of the Spyder 400002 Wire Brush Attachment into the saw's blade clamp. Ensure the shank is fully seated and properly aligned within the clamp.
4. **Secure Attachment:** Close the blade clamp mechanism firmly. Gently pull on the wire brush attachment to confirm it is securely locked in place and will not come loose during operation.



Figure 2: Close-up view of the attachment point, designed to fit all reciprocating saws.

## 5. OPERATING INSTRUCTIONS

The Spyder 400002 Wire Brush is designed for efficient surface preparation. Always wear appropriate personal protective equipment (PPE) as outlined in the Safety Information section.

### General Operation:

- **Surface Preparation:** Ensure the surface to be cleaned is free of large debris or loose particles that could interfere with the brush or become projectiles.
- **Start Slowly:** Begin with a low speed setting on your reciprocating saw, if adjustable, to gain control and assess the brush's effect on the surface.
- **Maintain Contact:** Apply light, consistent pressure to the surface. Allow the reciprocating action of the saw to do the work. Avoid pressing too hard, which can cause the brush to bind or wear prematurely.
- **Even Strokes:** Use smooth, even strokes across the surface for uniform cleaning and to prevent gouging.
- **Check Progress:** Periodically stop and inspect the surface to monitor progress and ensure desired results are being achieved without damage.

### Applications:

- **Metal Surfaces:** Effective for removing rust, corrosion, and old paint from metal. The carbon steel bristles are robust for

these tasks.

- **Wood Surfaces:** Can be used to remove flaking paint, dirt, and prepare wood for staining or painting. Exercise caution to avoid damaging the wood grain.
- **Brick & Concrete:** Suitable for cleaning mortar, efflorescence, and loose debris from brick and concrete surfaces.



Figure 3: The attachment effectively removes rust from metal surfaces.



Figure 4: The attachment can be used for cleaning and preparing wooden surfaces.

## 6. MAINTENANCE

Proper maintenance extends the life of your Spyder Wire Brush Attachment.

- **Cleaning:** After each use, remove any accumulated debris from the bristles using a stiff brush or compressed air. Ensure the attachment point is clean.
- **Inspection:** Regularly inspect the bristles for wear, bending, or breakage. Replace the attachment if bristles are significantly worn or damaged, as this can reduce effectiveness and increase safety risks.
- **Storage:** Store the attachment in a dry place, away from moisture and direct sunlight, to prevent rust and degradation of materials.

## 7. TROUBLESHOOTING

If you encounter issues while using your Spyder Wire Brush Attachment, consider the following:

Problem	Possible Cause	Solution
Ineffective Cleaning	Insufficient pressure; Worn bristles; Incorrect angle; Surface too tough.	Increase pressure slightly; Replace attachment; Adjust angle; Consider a more aggressive cleaning method if material is extremely stubborn.
Excessive Vibration/Noise	Attachment not securely fastened; Damaged bristles; Saw issue.	Re-secure attachment; Inspect and replace if bristles are damaged; Consult saw's manual if issue persists.
Bristles Wearing Quickly	Excessive pressure; Using on highly abrasive surfaces; Prolonged use.	Reduce pressure; Ensure appropriate surface use; Allow brush to cool during extended tasks.

## 8. SPECIFICATIONS

Feature	Detail
Brand	Spyder
Model Name	Spyder 400002 Wire Brush Reciprocating Saw Attachment
Part Number	400002
Color	Black
Blade Material	High Speed Steel (for shank) / Carbon Steel (for bristles)
Surface Recommendation	Metal, Wood, Concrete
Special Feature	Lightweight
Included Components	1 Brush Attachment
Product Dimensions (L x W x H)	9.88" x 5.14" x 1.25"
Item Weight	0.01 Ounces
Blade Length (Brush Head)	Approximately 10 Inches (overall length including shank)
Material (Body)	Plastic
Manufacturer	Simple Man Products
UPC	884835003265

## 9. WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Spyder 400002 Wire Brush Reciprocating Saw Attachment, please refer to the manufacturer's official website or contact their customer service directly. Keep your purchase receipt as proof of purchase for any warranty claims.

Manufacturer: Simple Man Products



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