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› Weiler 10-Inch Narrow Face Crimped Wire Wheel (01898) Instruction Manual

Weiler 01898

Weiler 10-Inch Narrow Face Crimped Wire Wheel Instruction Manual

Model: 01898

INTRODUCTION

This manual provides essential information for the safe and effective use of your Weiler 10-inch Narrow Face Crimped Wire Wheel (Model 01898). Designed for surface preparation, cleaning, and deburring, this crimped wire wheel offers fine grit performance. Please read these instructions thoroughly before operation to ensure proper usage and to maximize the lifespan of your tool.

SAFETY INFORMATION

Always prioritize safety when using power tools and abrasive accessories. Failure to follow these safety guidelines may result in serious injury or damage to the product.

- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses or a face shield, gloves, and hearing protection. A dust mask is recommended for dusty operations.
- **Tool Compatibility:** Ensure the wire wheel's maximum RPM rating is equal to or greater than the RPM of the power tool it will be mounted on.
- **Proper Mounting:** Securely mount the wire wheel onto the power tool's arbor. Ensure it is centered and tightened correctly to prevent wobbling or detachment during operation.
- **Inspect Before Use:** Before each use, inspect the wire wheel for any damage, loose wires, or excessive wear. Do not use a damaged wheel.
- **Workpiece Security:** Secure the workpiece firmly to prevent movement during operation.
- **Maintain Control:** Always maintain a firm grip on the power tool. Avoid applying excessive pressure, which can cause the wheel to bind or kick back.
- **Ventilation:** Work in a well-ventilated area to disperse dust and debris.
- **Storage:** Store wire wheels in a dry, safe place away from moisture and extreme temperatures.

SETUP

1. **Unpack:** Carefully remove the wire wheel from its packaging.
2. **Inspect:** Visually inspect the wire wheel for any shipping damage or manufacturing defects.
3. **Power Tool Preparation:** Ensure your power tool (e.g., bench grinder, angle grinder) is unplugged or its power source is disconnected before mounting the wheel.
4. **Mounting:** Align the arbor hole of the wire wheel with the spindle of your power tool. Slide the wheel onto the spindle, ensuring it sits flush against any existing flanges.
5. **Secure:** Attach the outer flange and tighten the retaining nut securely using the appropriate wrench. Do not overtighten.
6. **Guard Adjustment:** Adjust the tool's guard to provide maximum protection without interfering with the wheel's operation.
7. **Test Run:** Before applying to a workpiece, run the tool at operating speed for approximately 30 seconds in a safe, clear area to ensure the wheel is balanced and securely mounted.

OPERATING INSTRUCTIONS

Follow these guidelines for effective and safe operation of your crimped wire wheel:

- **Initial Contact:** Bring the wire wheel into contact with the workpiece gently. Avoid sudden impacts.
- **Angle of Attack:** For optimal performance and wire life, use the tips of the wires. Avoid applying excessive pressure that causes the wires to bend excessively or flatten.
- **Direction of Rotation:** When using a bench grinder, work on the side of the wheel where the rotation is moving away from the workpiece, directing debris downwards.
- **Even Pressure:** Apply consistent, light pressure. Let the wire tips do the work. Excessive pressure can cause premature wear, wire breakage, and reduced effectiveness.
- **Avoid Overheating:** Do not allow the workpiece or the wire wheel to overheat. Take breaks if necessary.
- **Cleaning:** The crimped wire design is ideal for light to medium duty cleaning, deburring, and surface finishing on various materials.

MAINTENANCE

Proper maintenance extends the life of your wire wheel and ensures continued performance.

- **Regular Inspection:** Periodically inspect the wire wheel for wear, damage, or missing wires. Replace the wheel if it shows signs of significant wear or damage.
- **Cleaning:** After use, gently brush off any accumulated debris or material from the wires. Do not use harsh chemicals.

- **Storage:** Store the wire wheel in a clean, dry environment. Protect it from moisture, which can lead to corrosion of the wires.
- **Dressing (if applicable):** If the wire tips become dull or loaded with material, a wire wheel dresser can be used to restore their effectiveness. Consult your power tool's manual for specific dressing procedures if using a bench grinder.

TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|---------------------------------------|---|---|
| Excessive Vibration/Wobble | Improper mounting; Damaged wheel; Unbalanced wheel | Ensure wheel is securely and centrally mounted. Inspect for damage; replace if necessary. |
| Poor Performance/Ineffective Cleaning | Worn wires; Incorrect pressure; Wrong wheel for application | Replace worn wheel. Apply lighter, consistent pressure. Ensure wheel type is suitable for the task. |
| Premature Wire Breakage | Excessive pressure; Overheating; Incorrect RPM | Reduce pressure. Allow wheel/workpiece to cool. Verify tool RPM is within wheel's rating. |

SPECIFICATIONS

| Attribute | Detail |
|------------------|--------------|
| Brand | Weiler |
| Model Number | 01898 |
| Bristle Type | Crimped Wire |
| Grit Type | Fine |
| Number of Pieces | 2 |
| ASIN | B009KFQMMQ |

WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Weiler 10-inch Narrow Face Crimped Wire Wheel, please refer to the official Weiler website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

Weiler Customer Service: Visit [Weiler Abrasives Contact Page](#)

PRODUCT OVERVIEW



This image displays the Weiler 10-inch Narrow Face Crimped Wire Wheel, highlighting its crimped wire bristles and narrow face design, suitable for various surface preparation tasks. The wheel is designed for efficient cleaning and deburring.