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> Craftsman 351.226712 Belt & Disc Sander Instruction Manual

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Model: 351.226712

INTRODUCTION

This instruction manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your Craftsman 351.226712 Belt & Disc Sander. Please read this manual thoroughly before operating the tool to ensure proper usage and to prevent injury or damage. Keep this manual in a safe place for future reference.

IMPORTANT SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, and personal injury. This includes, but is not limited to:

- **Read all instructions:** Familiarize yourself with the controls and proper use of the sander.
- **Wear eye protection:** Always wear safety goggles or a face shield.
- **Use in a well-ventilated area:** Dust generated during sanding can be harmful.
- **Secure workpiece:** Always clamp or otherwise secure the workpiece to prevent movement.
- **Disconnect power:** Always unplug the sander before making adjustments, changing belts/discs, or performing maintenance.
- **Keep guards in place:** Never operate the sander without all guards properly installed.

PRODUCT COMPONENTS

The Craftsman 351.226712 Belt & Disc Sander consists of several key components. Refer to the image below for a visual representation.

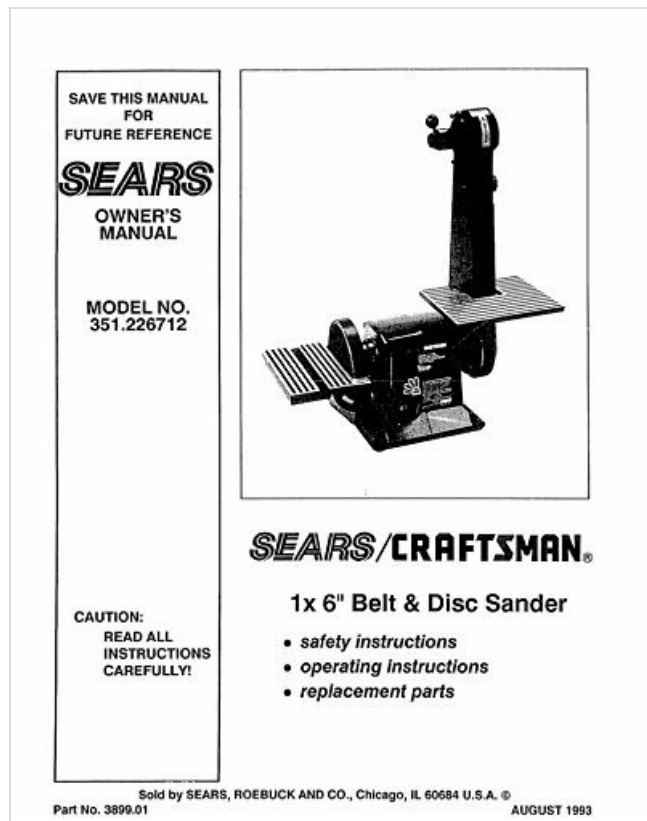


Figure 1: Overview of the Craftsman 351.226712 Belt & Disc Sander. This image displays the main body of the sander, including the belt sanding mechanism on the left and the disc sanding table on the right. Key features such as the motor housing, power switch, and dust collection port are visible.

- **Belt Sander:** Used for sanding larger, flat surfaces.
- **Disc Sander:** Ideal for shaping and finishing edges or smaller pieces.
- **Work Table:** Adjustable table for supporting workpieces during disc sanding.
- **Dust Collection Port:** Connects to a vacuum system for dust extraction.
- **Power Switch:** On/Off control for the motor.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove all components from the packaging. Inspect for any shipping damage. Retain packaging for future transport.
2. **Mounting:** Securely mount the sander to a sturdy workbench using appropriate bolts and washers (not included). Ensure the mounting surface is level and stable.
3. **Dust Collection:** Connect a suitable dust collection system to the dust collection port. This is crucial for maintaining a clean work environment and prolonging the life of the sander.
4. **Power Connection:** Ensure the power switch is in the "OFF" position. Plug the power cord into a grounded electrical outlet. Verify that the voltage matches the sander's requirements.

OPERATING INSTRUCTIONS

Using the Belt Sander

1. **Belt Installation/Adjustment:**
 - Disconnect power.
 - Release the belt tension lever.

- Slide the old belt off and slide the new belt on, ensuring the arrow on the belt matches the direction of rotation on the sander.
- Re-engage the tension lever.
- Adjust the belt tracking knob until the belt runs centrally on the rollers when the sander is briefly turned on.

2. Operation:

- Turn on the sander.
- Apply light, even pressure to the workpiece against the moving belt.
- Move the workpiece smoothly across the belt to ensure even sanding and prevent gouging.
- Avoid applying excessive pressure, which can slow the motor and damage the belt.

Using the Disc Sander

1. Disc Installation/Adjustment:

- Disconnect power.
- Remove the old sanding disc.
- Clean the disc plate thoroughly.
- Peel the backing from the new adhesive-backed sanding disc and carefully align it with the disc plate, pressing firmly from the center outwards.

2. Work Table Adjustment:

- Loosen the table locking knob.
- Adjust the work table to the desired angle (0-45 degrees).
- Ensure the table is positioned close to the disc without touching it.
- Tighten the table locking knob securely.

3. Operation:

- Turn on the sander.
- Always sand on the downward-rotating side of the disc (left side for most models) to prevent the workpiece from being thrown.
- Apply light, even pressure and move the workpiece slowly across the disc.
- Avoid sanding small pieces that cannot be securely held.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your sander.

- **Cleaning:** Regularly clean dust and debris from the sander, especially around the motor vents and sanding areas. Use compressed air or a soft brush.
- **Belt/Disc Replacement:** Replace sanding belts and discs when they become worn or lose their abrasive quality.
- **Motor Brushes:** Inspect motor brushes periodically (refer to specific model service manual for frequency). Replace if worn down to the wear limit mark.
- **Lubrication:** The sander is equipped with sealed bearings that do not require lubrication. Do not attempt to lubricate internal components unless specified in a service manual.
- **Power Cord Inspection:** Regularly inspect the power cord for damage. Replace if frayed or cut.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Sander does not start	No power supply; Faulty power switch; Tripped circuit breaker	Check power cord connection; Test outlet; Reset circuit breaker; Contact qualified service personnel if switch is faulty.
Excessive vibration	Loose mounting bolts; Unbalanced sanding disc/belt; Worn bearings	Tighten mounting bolts; Replace sanding disc/belt; Contact qualified service personnel for bearing inspection.
Poor sanding performance	Worn sanding belt/disc; Incorrect grit; Excessive pressure	Replace with new belt/disc; Use appropriate grit for the task; Apply lighter pressure.
Belt tracking issues	Improper belt tension; Misaligned tracking adjustment	Adjust belt tension; Fine-tune belt tracking knob.

SPECIFICATIONS

- **Model:** Craftsman 351.226712
- **Type:** Belt & Disc Sander
- **Power Source:** (Typically 120V AC, 60Hz - *Specifics not provided in input, assuming standard for such tools*)
- **Belt Size:** (e.g., 4 x 36 inches - *Specifics not provided in input*)
- **Disc Diameter:** (e.g., 6 inches - *Specifics not provided in input*)
- **Motor:** (e.g., 1/2 HP - *Specifics not provided in input*)

Note: Specific technical specifications such as motor horsepower, belt size, and disc diameter are not available in the provided product data. Please refer to the original product packaging or manufacturer's website for precise details.

WARRANTY AND SUPPORT

This manual is a reprint and does not include specific warranty information. For details regarding warranty coverage, technical support, or replacement parts for your Craftsman 351.226712 Belt & Disc Sander, please contact Craftsman customer service or visit their official website.

Always provide your model number (351.226712) when contacting support.