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› JET JTS-10 10-inch Contractor Table Saw Operator's & Parts Manual

JET JTS-10

JET JTS-10 10-inch Contractor Table Saw Operator's & Parts Manual

Model: JTS-10 | Stock Number: 708512

1. INTRODUCTION

This manual provides comprehensive instructions for the safe operation, proper adjustment, and routine maintenance of your JET JTS-10 10-inch Contractor Table Saw. It also includes a complete set of exploded view diagrams and a parts list for identification and ordering of replacement components. Please read this manual thoroughly before operating the saw to ensure safe and efficient use.

2. SAFETY INSTRUCTIONS

WARNING: Failure to follow these safety instructions may result in serious injury or death.

- Always wear eye protection and hearing protection when operating the saw.
- Ensure the work area is clean, well-lit, and free from obstructions.
- Keep hands and fingers away from the saw blade. Use push sticks or push blocks when cutting small pieces.
- Never reach over or behind the saw blade while it is running.
- Disconnect power before making adjustments, changing blades, or performing maintenance.
- Ensure the blade guard is in place and functioning correctly before each use.
- Do not operate the saw if you are tired, under the influence of drugs, alcohol, or medication.
- Securely fasten the workpiece before cutting to prevent kickback.
- Use only blades designed for your table saw and appropriate for the material being cut.
- Maintain proper footing and balance at all times.

3. SETUP AND ASSEMBLY

Carefully unpack all components and verify against the packing list. If any parts are missing or damaged, contact your dealer immediately. Assembly typically involves attaching the stand, extension wings, and blade guard assembly.

3.1 Unpacking and Inspection

Remove all packaging materials. Inspect the saw for any shipping damage. Report any damage to the carrier and your dealer.

3.2 Stand Assembly

Assemble the saw stand according to the diagrams provided in the original manual. Ensure all bolts are securely tightened.

3.3 Table and Extension Wing Installation

Attach the extension wings to the main table. Ensure the surfaces are flush and level. Adjust as necessary.

3.4 Blade Installation and Alignment

Install the appropriate 10-inch saw blade. Ensure the blade is clean and sharp. Check for proper blade alignment with the miter slot and fence. Adjust if necessary using the provided adjustment mechanisms.

3.5 Blade Guard and Riving Knife

Install the blade guard and riving knife. The riving knife should be aligned with the blade to prevent kickback. Ensure the blade guard moves freely and covers the blade effectively.

3.6 Electrical Connection

Connect the saw to a grounded electrical outlet with the correct voltage and amperage as specified in the specifications section. Do not use extension cords unless absolutely necessary, and ensure they are rated for the saw's power requirements.

4. OPERATING INSTRUCTIONS

Before each operation, perform a quick check of the saw's condition, including blade sharpness, guard functionality, and fence alignment.

4.1 Basic Operations

- **Power On/Off:** Use the designated power switch to turn the saw on and off. Allow the blade to reach full speed before cutting.
- **Blade Height Adjustment:** Use the handwheel to raise or lower the blade. For most cuts, the blade should extend approximately 1/8 inch above the workpiece.
- **Blade Bevel Adjustment:** Use the bevel adjustment lever and scale to set the desired angle for bevel cuts.
- **Fence Adjustment:** Position the rip fence parallel to the blade and lock it securely for accurate rip cuts.
- **Miter Gauge Use:** Use the miter gauge for accurate crosscuts. Ensure it is set to the desired angle and held firmly against the workpiece.

4.2 Cutting Procedures

- **Rip Cutting:** Position the rip fence. Place the workpiece flat on the table, against the fence. Use a

push stick to feed the material smoothly and consistently through the blade.

- **Cross Cutting:** Use the miter gauge. Hold the workpiece firmly against the miter gauge and table. Feed the material slowly and steadily.
- **Dado Cuts (if applicable):** Refer to specific instructions for dado blade installation and use. Always use a dado insert.

5. MAINTENANCE

Regular maintenance ensures the longevity and safe operation of your table saw.

5.1 Daily Maintenance

- Clean sawdust and debris from the table, fence, and blade guard.
- Inspect the blade for sharpness and damage. Replace dull or damaged blades.
- Check all fasteners for tightness.

5.2 Weekly/Monthly Maintenance

- Lubricate moving parts as indicated in the original manual (e.g., blade height and bevel mechanisms).
- Inspect the drive belt for wear and tension. Adjust or replace if necessary.
- Clean the motor vents to ensure proper cooling.
- Check electrical cords for damage.

5.3 Parts and Diagrams

Refer to the exploded view diagrams and parts list in the original manual for detailed component identification and ordering information. When ordering parts, always specify the model number (JTS-10) and stock number (708512).

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your table saw.

Problem	Possible Cause	Solution
Saw does not start	No power, faulty switch, tripped circuit breaker	Check power connection, inspect switch, reset breaker
Blade binds or burns wood	Dull blade, misaligned fence, improper feed rate	Replace/sharpen blade, align fence, adjust feed rate
Excessive vibration	Loose blade, damaged blade, loose components	Tighten blade arbor nut, replace damaged blade, check all fasteners
Inaccurate cuts	Misaligned fence/miter gauge, worn blade	Calibrate fence/miter gauge, replace blade

7. SPECIFICATIONS

The following specifications are typical for the JET JTS-10 10-inch Contractor Table Saw. Refer to your

specific model's documentation for exact details.

- **Model:** JTS-10
- **Blade Diameter:** 10 inches
- **Arbor Diameter:** 5/8 inch
- **Max. Depth of Cut at 90°:** Approximately 3-1/8 inches
- **Max. Depth of Cut at 45°:** Approximately 2-1/8 inches
- **Rip Capacity:** (Typically 24-30 inches to the right of the blade)
- **Motor:** (Typically 1.5 HP - 2 HP, 120V, 60Hz, Single Phase)
- **Table Size:** (Typically 20 x 27 inches, with extensions)
- **Weight:** (Varies, typically 200-250 lbs)

Note: These specifications are general. Always consult the original manual for precise figures for your specific unit.

8. WARRANTY AND SUPPORT

This document is a reproduction of an original manual. For warranty information regarding your JET JTS-10 table saw, please refer to the warranty card included with your original purchase or contact JET customer service directly. Support for the operation and parts of your saw can be found through authorized JET service centers or by contacting JET technical support.

For parts inquiries, please use the exploded view diagrams and parts list provided in the original manual, specifying model JTS-10 and stock number 708512.