

Norton TR202

Norton TR202 Tile Saw Instruction Manual

Model: TR202 | Brand: Norton

1. INTRODUCTION

This manual provides essential information for the safe and effective operation, maintenance, and troubleshooting of your Norton TR202 Tile Saw. Please read this manual thoroughly before assembly, operation, or maintenance to ensure proper use and to prevent injury or damage to the equipment.

The Norton TR202 is a 900W tile saw designed for precise cutting of various tile materials using a 200mm disc. It operates on 230V electrical power.

2. SAFETY INSTRUCTIONS

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

- **Personal Protective Equipment (PPE):** Always wear safety glasses, hearing protection, and appropriate work gloves. A dust mask is recommended when cutting dry.
- **Electrical Safety:** Ensure the power supply matches the saw's requirements (230 Volts, 900 Watts). Use a ground fault circuit interrupter (GFCI) when operating in wet conditions. Do not operate with wet hands or in standing water.
- **Blade Safety:** Ensure the 200mm cutting disc is correctly installed and secured before operation. Never attempt to cut without the blade guard in place. Allow the blade to reach full speed before beginning a cut.
- **Work Area:** Keep the work area clean, well-lit, and free from obstructions. Ensure adequate ventilation.
- **Stability:** Ensure the saw is placed on a stable, level surface. The integrated stand provides stability.
- **Material Handling:** Secure the workpiece firmly. Never force the saw through material.
- **Maintenance:** Disconnect power before performing any maintenance, adjustments, or blade changes.

3. COMPONENTS OVERVIEW

Familiarize yourself with the main components of your Norton TR202 Tile Saw.



Figure 3.1: Overall view of the Norton TR202 Tile Saw on its stand.

The image above shows the complete tile saw assembly, including the cutting head, sliding table, water tray, and integrated stand with wheels for mobility.



Figure 3.2: Close-up of the cutting head, blade, and water feed line.

This view highlights the 200mm cutting disc, the protective blade guard, the motor housing, and the clear tubing for the water cooling system, which is essential for wet cutting.



Figure 3.3: Detail of the sliding cutting table with measurement guides and adjustable fence.

The sliding table allows for smooth movement of the tile during cutting. The integrated ruler and adjustable fence assist in making accurate, repeatable cuts.



Figure 3.4: Bevel angle adjustment mechanism.

This mechanism allows the cutting head to be tilted for bevel cuts, up to 45 degrees, providing versatility for various tile installations.



Figure 3.5: Included tools for assembly and maintenance.

The saw comes with essential tools, including wrenches and a screwdriver, for assembly, blade changes, and minor adjustments.

4. SETUP

4.1 Unpacking and Assembly

1. Carefully remove all components from the packaging.
2. Assemble the stand according to the diagrams provided in the separate assembly guide (if applicable). Ensure all fasteners are securely tightened.
3. Mount the tile saw unit onto the assembled stand, ensuring it is stable and level.

4.2 Blade Installation

1. **Disconnect the saw from the power supply.**
2. Remove the blade guard cover.
3. Using the provided wrenches, loosen the arbor nut and remove the outer flange.
4. Place the 200mm diamond cutting disc onto the arbor, ensuring the rotation arrow on the blade matches the direction of rotation indicated on the saw.

5. Reinstall the outer flange and tighten the arbor nut securely. Do not overtighten.
6. Replace the blade guard cover.

4.3 Water Supply Connection

1. Fill the water tray with clean water to the recommended level.
2. Ensure the water pump is submerged and the water feed lines are properly connected to direct water onto the blade during operation.

4.4 Electrical Connection

1. Verify that the power switch is in the 'OFF' position.
2. Plug the saw into a properly grounded 230V electrical outlet protected by a GFCI.

5. OPERATING INSTRUCTIONS

5.1 Powering On/Off

- To turn on: Press the green 'ON' button.
- To turn off: Press the red 'OFF' button.

5.2 Adjusting Cutting Depth and Angle

- **Cutting Depth:** The cutting depth is generally fixed by the blade's position relative to the table. For specific adjustments, consult the saw's mechanical adjustment points.
- **Cutting Angle (Bevel):** Loosen the locking knob for angle adjustment (refer to Figure 3.4). Tilt the motor head to the desired angle (up to 45 degrees). Tighten the locking knob securely before cutting.

5.3 Making a Cut

1. Ensure the water tray is filled and the pump is operating, providing water to the blade.
2. Place the tile firmly against the adjustable fence on the sliding table.
3. Align the cutting line on the tile with the blade.
4. Turn on the saw and allow the blade to reach full operating speed.
5. Slowly and steadily push the sliding table forward, guiding the tile through the blade. Do not force the cut.
6. Once the cut is complete, retract the table and turn off the saw. Wait for the blade to stop completely before removing the cut tile.

6. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your tile saw.

- **Cleaning:** After each use, disconnect power and clean the saw thoroughly. Remove tile dust and debris from the table, water tray, and motor housing.
- **Water System:** Regularly clean the water tray and pump to prevent clogging from tile slurry. Replace water frequently.
- **Blade Inspection:** Inspect the 200mm blade for wear, damage, or dullness. Replace worn blades promptly.
- **Electrical Cord:** Check the power cord for any signs of damage. Do not use the saw if the cord is frayed or damaged.
- **Moving Parts:** Keep sliding parts clean and lubricated as recommended by the manufacturer (if

applicable).

7. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Saw does not start	No power, faulty switch, tripped GFCI	Check power connection, reset GFCI, inspect power cord.
Poor cut quality / Slow cutting	Dull or incorrect blade, insufficient water, forcing the cut	Replace blade, ensure adequate water flow, reduce feed pressure.
Excessive vibration	Loose blade, damaged blade, unstable saw	Tighten blade, replace damaged blade, ensure saw is on a stable surface.
No water flow to blade	Empty water tray, clogged pump/lines	Refill water tray, clean pump and water lines.

8. SPECIFICATIONS

Key technical specifications for the Norton TR202 Tile Saw.

Feature	Specification
Brand	Norton
Model Number	70184601106
Wattage	900 watts
Voltage	230 Volts
Power Source	Corded Electric
Blade Material	Aluminium Oxide or Carbide (for cutting disc)
Disc Diameter	200mm (implied by product title)
Cutting Angle	Up to 45 Degrees
Item Weight	2.2 pounds (Note: This weight seems unusually low for a tile saw and may refer to a component, not the full unit.)
Product Dimensions	19.69 x 19.69 x 11.02 inches
Included Components	Bare Tool (plus standard accessories like blade, pump, stand, tools)

9. WARRANTY AND SUPPORT

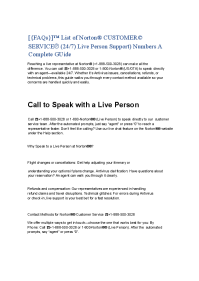

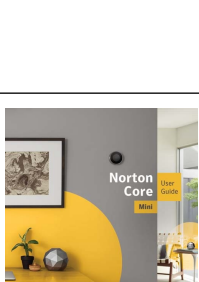

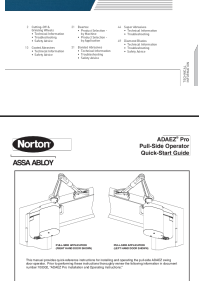
For warranty information, please refer to the documentation included with your purchase or contact the retailer or manufacturer directly. Specific warranty terms and conditions may vary.

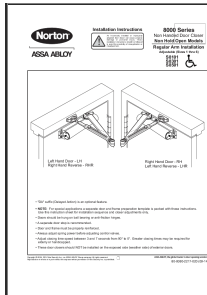
For technical support, spare parts, or service inquiries, please contact your authorized Norton dealer or the manufacturer's customer service department.

10. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller are available for embedding at this time.

Related Documents - TR202

	<p>Norton Customer Service: 24/7 Live Person Support Numbers & Contact Guide</p> <p>This guide provides comprehensive contact information for Norton Customer Service, including phone numbers, live chat, mobile app support, and social media assistance. Get 24/7 live person support for Antivirus issues, cancellations, refunds, and technical problems.</p>
	<p>Soluções Norton para Reparação Náutica: Guia de Processos de Acabamento</p> <p>Guia detalhado dos processos de acabamento em Gel Coat, Poliéster e Poliuretano para reparação náutica, utilizando abrasivos Norton. Inclui etapas de lixamento, polimento, remoção e corte/desbaste, com produtos recomendados.</p>
	<p>Norton Core Mini User Guide: Setup, Features, and Specifications</p> <p>This user guide provides comprehensive instructions for setting up and managing the Norton Core Mini, a secure wireless router designed to protect your home network. Learn about its features, system requirements, specifications, and how to create a protected mesh network.</p>
	<p>Norton Abrasives Technical Information Guide</p> <p>Explore the comprehensive Norton Abrasives Technical Information Guide by Saint-Gobain. This resource details cutting-off wheels, grinding wheels, coated abrasives, super abrasives, and diamond blades, offering product selection, operating speeds, troubleshooting tips, and critical safety advice for industrial applications.</p>
	<p>ADAEZ Pro Pull-Side Operator Quick-Start Guide</p> <p>Quick-start guide for installing and operating the ADAEZ Pro Pull-Side Operator. Includes system description, prerequisites, precautions, controls, installation steps, programming, and remote control initialization.</p>



[Norton 8000 Series Non Handed Door Closer Installation Instructions](#)

Detailed installation instructions for the Norton 8000 Series Non Handed Door Closer, Non Hold Open Models, Regular Arm. Covers parts, dimensions, sequence, and adjustments for models S8101, S8301, S8501.