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- › [Oregon](#) /
- › [Oregon 75-677 Replacement Deck Belt for MTD 954-0498 Manual](#)

Oregon 75-677

Oregon 75-677 Replacement Deck Belt Instruction Manual

For MTD 954-0498 and 600 Series Riders with 42-inch Decks

1. INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of your Oregon 75-677 Replacement Deck Belt. This belt is designed to replace MTD Part Number 954-0498 and is suitable for 600 Series Riders with 42-inch decks (2 belt type). Adhering to these instructions will help ensure optimal performance and longevity of the belt.

2. PRODUCT OVERVIEW

The Oregon 75-677 replacement belt is engineered for durability and performance, meeting or exceeding original equipment manufacturer (OEM) specifications. It features a wrapped clutching design, which allows for smooth engagement and disengagement, reducing wear on the belt and associated components.





Figure 1: Illustration of a Wrapped Clutching Belt. This design provides flexibility and strength, crucial for power transmission in demanding applications like lawn mower decks.

Key features include:

- **Exact Fit:** Manufactured to precise OEM dimensions for MTD 954-0498.
- **Durable Construction:** Built with high-quality materials for extended service life.
- **Wrapped Clutching:** Ensures efficient power transfer and smooth operation.

3. COMPATIBILITY

This Oregon 75-677 replacement belt is specifically designed for the following applications:

- **Replaces MTD Part Number:** 954-0498
- **Compatible Equipment:** MTD 600 Series Riders with 42-inch Decks (specifically models requiring a 2-belt

system).

Always verify your equipment's original part number and belt dimensions before installation to ensure correct fitment.

4. INSTALLATION

Safety First: Before attempting any installation, ensure the equipment is turned off, the engine is cool, the spark plug wire is disconnected, and the parking brake is engaged. Refer to your equipment's owner's manual for specific safety precautions and detailed belt replacement procedures.

- 1. Prepare the Equipment:** Park the lawn mower on a flat, level surface. Disconnect the spark plug wire to prevent accidental starting.
- 2. Access the Deck:** Depending on your mower model, you may need to remove the mower deck from the tractor or lift the tractor to access the belt system. Consult your mower's manual for specific instructions on deck removal or access.
- 3. Remove the Old Belt:** Carefully observe the routing of the old belt around all pulleys (engine, idler, spindle pulleys). Take photos or draw a diagram if necessary. Release any tensioners or idler pulleys to loosen the old belt and remove it.
- 4. Inspect Pulleys:** While the belt is off, inspect all pulleys for wear, damage, or excessive play. Replace any worn or damaged pulleys to prevent premature belt failure.
- 5. Install the New Belt:** Route the new Oregon 75-677 belt exactly as the old one was routed. Ensure the belt is seated correctly in all pulley grooves.
- 6. Tension the Belt:** Re-engage any tensioners or idler pulleys. The belt should be taut but not overly tight.
- 7. Reassemble and Test:** Reattach the mower deck (if removed) and reconnect the spark plug wire. Start the engine and engage the deck (at a safe, low speed) to ensure the belt operates smoothly without slipping or unusual noises.

5. MAINTENANCE

Regular inspection and proper maintenance will extend the life of your replacement belt.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Keep Clean:** Keep the belt and pulleys free from grass clippings, dirt, oil, and other debris. Clean the deck and belt area regularly.
- **Proper Tension:** Ensure the belt maintains proper tension. A belt that is too loose can slip and wear prematurely, while a belt that is too tight can strain pulleys and bearings.
- **Avoid Overloading:** Do not overload your mower by cutting excessively tall or wet grass, as this can put undue stress on the belt.

6. TROUBLESHOOTING

If you experience issues with your mower deck operation after belt replacement, consider the following:

Symptom	Possible Cause	Solution
Belt slipping or squealing	Incorrect tension, worn pulleys, glazed belt, debris on belt/pulleys.	Adjust tension, inspect/replace pulleys, clean belt/pulleys, replace belt if glazed.

Symptom	Possible Cause	Solution
Belt coming off pulleys	Incorrect routing, worn pulleys, bent pulley brackets, incorrect belt size.	Verify routing, inspect/replace pulleys/brackets, confirm correct belt size.
Excessive belt wear or breakage	Misaligned pulleys, worn bearings, incorrect tension, foreign objects, incorrect belt type.	Check pulley alignment, replace worn bearings, adjust tension, remove obstructions, ensure correct belt type.

7. SPECIFICATIONS

Detailed specifications for the Oregon 75-677 Replacement Deck Belt:

- **Oregon Model Number:** 75-677
- **Replaces OEM Part Number:** MTD 954-0498
- **Belt Width:** 1/2-inch (approximately 12.7 mm)
- **Belt Length:** 67-1/4-inches (approximately 170.8 cm)
- **Belt Style:** Deck Belt, Wrapped Clutching
- **Material:** High-quality composite materials (e.g., plastic/rubber with reinforcing cords)
- **Compatible Devices:** Lawn Mowers (specifically MTD 600 Series Riders with 42-inch decks, 2-belt type)

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Oregon 75-677 Replacement Deck Belt, please refer to the official Oregon product documentation or contact Oregon customer support directly. Warranty terms typically cover manufacturing defects under normal use conditions.

For further assistance or technical support, please visit the official Oregon website or contact their customer service department. When contacting support, have your product model number (75-677) and any relevant purchase information ready.

Oregon Official Website: www.oregonproducts.com