

Toro 110-6871

Toro V-Belt 110-6871 User Manual

Genuine OEM Replacement Part

1. INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and care of your genuine Toro V-Belt, model 110-6871. This V-belt is designed as a direct OEM replacement part for specific Toro lawn mowers and outdoor power equipment, ensuring optimal performance and longevity.

2. SAFETY INFORMATION

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety instructions can result in serious injury or damage to equipment.

- Ensure the equipment is turned off and the spark plug wire is disconnected before attempting any installation or maintenance.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Refer to your equipment's original owner's manual for specific safety procedures related to belt replacement.
- Keep hands and clothing clear of moving parts.

3. PRODUCT OVERVIEW

The Toro V-Belt 110-6871 is a high-quality, durable V-belt manufactured to Toro's specifications. It is designed to transmit power efficiently within your equipment's drive system.



Figure 3.1: Genuine Toro V-Belt 110-6871. This image displays the V-belt coiled, highlighting its black rubber construction and the visible part number and "MADE IN USA" text printed on its surface.

4. COMPATIBILITY

This V-belt (Part Number 110-6871) is specifically designed for use with various Toro lawn mowers and outdoor power equipment. To ensure compatibility, always verify the required part number in your equipment's owner's manual or on the manufacturer's parts diagram.

Commonly compatible with certain Toro Timecutter Z4200 models, such as model 74360, and other models requiring this specific belt length and profile.

5. INSTALLATION

Installation of the V-belt requires careful attention to detail. Refer to your specific equipment's service manual for detailed, step-by-step instructions and diagrams. The following are general steps:

1. **Preparation:** Ensure the equipment is on a flat, stable surface. Disconnect the spark plug wire to prevent accidental starting.
2. **Access the Belt Area:** Depending on your equipment, this may involve removing deck covers, guards, or lifting the machine.
3. **Remove Old Belt:** Carefully note the routing of the old belt around all pulleys (engine, idler, blade pulleys). Use appropriate tools to release tensioners or idler pulleys. Remove the worn or broken belt.
4. **Install New Belt:** Route the new Toro 110-6871 V-belt exactly as the old one was routed. Ensure it sits correctly in all pulley grooves.
5. **Tension Adjustment:** Re-engage any tensioners or idler pulleys. Verify that the belt has proper tension as specified in your equipment's manual. The belt should be snug but not overly tight.
6. **Reassembly:** Reinstall any covers or guards removed during the process.

7. **Test:** Reconnect the spark plug wire. Start the equipment briefly to ensure the belt operates smoothly and quietly. Turn off the equipment and inspect the belt's position on the pulleys.

Note: Some mower models may use a single long belt for both drive and blade pulleys, while others may have separate belts. Confirm your specific model's configuration.

6. MAINTENANCE

Proper maintenance extends the life of your V-belt and ensures efficient operation of your equipment.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Cleanliness:** Keep the belt and pulleys free from dirt, debris, grass clippings, and oil. Contaminants can cause premature wear and slippage.
- **Proper Tension:** Ensure the belt maintains correct tension. A belt that is too loose can slip and wear quickly, while a belt that is too tight can strain pulleys and bearings.
- **Storage:** If storing equipment for an extended period, ensure the belt is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you experience issues after belt replacement, consider the following:

Symptom	Possible Cause	Solution
Belt slips or squeals	Incorrect tension, worn pulleys, oil/grease on belt, incorrect belt type.	Adjust tension, inspect/clean pulleys, clean belt, verify correct belt part number.
Belt comes off pulleys	Incorrect routing, loose tension, worn pulleys, bent pulley guards.	Re-route correctly, adjust tension, inspect/replace pulleys or guards.
Premature belt wear	Misaligned pulleys, excessive tension, debris, incorrect belt type, worn bearings.	Check pulley alignment, adjust tension, clean area, verify belt, inspect bearings.

8. SPECIFICATIONS

Part Number: 110-6871
Type: V-Belt
Brand: Toro (Genuine OEM Part)
UPC: 621038790024
Material: Durable rubber compound for extended life.
Origin: Made in USA

9. WARRANTY AND SUPPORT

As a genuine OEM Toro part, this V-belt is typically covered by Toro's standard warranty for replacement parts. For specific warranty terms and conditions, please refer to the official Toro website or contact Toro customer support directly. Keep your purchase receipt as proof of purchase. For further assistance or technical support, please visit the official Toro website or contact their authorized service centers.

