

ISE 61247640900

ISE Replacement Toothed Belt for Viking MT 780 (2001-2002) - Part Number 61247640900 User Manual

1. INTRODUCTION

This manual provides essential instructions for the safe and correct installation and maintenance of your ISE replacement toothed belt. This belt is designed as a non-authentic replacement for specific Viking lawn mower models. Please read this manual thoroughly before attempting any installation or maintenance procedures.

2. SAFETY INFORMATION

Always prioritize safety when working with machinery. Failure to follow these safety guidelines may result in injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the lawn mower's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including gloves and eye protection.
- **Allow Cooling:** If the mower has been recently operated, allow sufficient time for the engine and exhaust components to cool down to prevent burns.
- **Secure the Mower:** Ensure the mower is on a stable, level surface and cannot roll or tip over during maintenance.
- **Refer to Mower Manual:** Consult your original Viking lawn mower owner's manual for specific safety procedures and component locations.

3. PRODUCT COMPATIBILITY

This ISE replacement toothed belt is compatible with the following Viking lawn mower models and replaces original part number 6124 764 0900:

- Viking MT 780 (Years: 2001, 2002)
- Viking MT 640
- Viking MT 680
- Viking MT 740

- Viking MT 745
- Viking MT 785

Always verify the part number and model year of your equipment before installation.

4. INSTALLATION INSTRUCTIONS

This section outlines the general steps for replacing the drive belt. Specific procedures may vary slightly depending on your exact mower model. Refer to your mower's service manual for detailed diagrams.

4.1 Tools Required

- Socket wrench set
- Pliers
- Gloves
- Eye protection
- Block or jack for lifting the mower (if necessary)

4.2 Preparation

1. Ensure the mower is turned off, the spark plug wire is disconnected, and the engine is cool.
2. Position the mower on a flat, stable surface. If access to the underside is required, safely lift and secure the mower using appropriate lifting equipment and stands.
3. Locate the existing drive belt and identify the routing path around the pulleys. Taking a photo before removal can be helpful.

4.3 Removing the Old Belt

1. Depending on your mower model, you may need to remove deck covers, guards, or tensioning springs to access the belt.
2. Relieve tension on the belt by manipulating any tensioning idler pulleys or levers.
3. Carefully unroute the old belt from all pulleys and remove it. Inspect the pulleys for wear or damage.

4.4 Installing the New Belt

1. Begin by routing the new ISE replacement belt around the main drive pulley (usually on the engine crankshaft).
2. Follow the original belt path, routing the belt around all other pulleys, including idler pulleys and the transmission pulley. Ensure the belt sits correctly in all pulley grooves.
3. Once the belt is fully routed, apply tension to the belt by re-engaging any tensioning mechanisms or springs. The belt should feel snug but not overly tight.
4. Double-check that the belt is properly seated on all pulleys and that there are no twists or kinks.
5. Reinstall any covers, guards, or components that were removed during the process.



Figure 1: The ISE replacement toothed belt. This image shows the general appearance of the belt, which is designed for durability and proper fit in compatible Viking lawn mower models.

4.5 Post-Installation Check

1. Reconnect the spark plug wire.
2. Start the mower and engage the drive system briefly to ensure the belt operates smoothly without slipping or unusual noises.
3. If any issues arise, immediately shut off the mower and re-check the installation.

5. MAINTENANCE

Proper maintenance extends the life of your replacement belt and ensures optimal mower performance.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracking, fraying, or glazing. Replace the belt if any damage is observed.
- **Keep Clean:** Keep the belt and pulleys free from dirt, grass clippings, oil, and other debris that can cause premature wear or slippage.
- **Check Tension:** Ensure the belt maintains proper tension as specified in your mower's manual. Incorrect tension can lead to slippage or excessive wear.
- **Inspect Pulleys:** Check pulleys for proper alignment, wear, and free rotation. Worn or misaligned pulleys can significantly reduce belt life.

6. TROUBLESHOOTING

If you encounter issues after installing the new belt, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Belt slips or squeals	Incorrect tension; oil/grease on belt; worn pulleys; incorrect belt size.	Adjust tension; clean belt and pulleys; inspect/replace pulleys; verify correct belt part number.
Belt comes off pulleys	Incorrect routing; worn or misaligned pulleys; insufficient tension; damaged belt guides.	Re-route belt correctly; inspect/replace pulleys; adjust tension; repair/replace belt guides.
Excessive vibration or noise	Improperly seated belt; damaged pulleys; foreign object caught in drive system.	Check belt seating; inspect pulleys for damage; remove debris.

7. SPECIFICATIONS

Key specifications for the ISE Replacement Toothed Belt:

- **Part Number:** 61247640900 (Replaces Viking OEM part)
- **Type:** Toothed Belt (Drive Belt)
- **Brand:** ISE
- **Compatibility:** Viking MT 780 (2001, 2002), MT 640, MT 680, MT 740, MT 745, MT 785
- **Material:** Durable rubber compound for extended life

8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your ISE replacement part, please refer to the retailer or manufacturer's official website where the product was purchased. Keep your proof of purchase for any warranty claims. For assistance with your Viking lawn mower, please consult your original mower's owner's manual or contact an authorized Viking service center.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question