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Technology Parts Store 754-04249A 954-04249A

Technology Parts Store Drive Belt 754-04249A 954-04249A Instruction Manual

Introduction Specifications Compatibility Safety Installation Maintenance Troubleshooting Support

1. Introduction

This manual provides essential information for the proper use, installation, and maintenance of your Technology Parts Store Drive Belt, model numbers 754-04249A and 954-04249A. This drive belt is designed for specific Murray lawn riding mower models. Please read these instructions carefully before attempting any installation or maintenance to ensure safe and effective operation.



Figure 1: Technology Parts Store Drive Belt (Coiled)

2. Product Specifications

The Technology Parts Store Drive Belt is engineered for durability and performance in lawn riding mower applications. Key specifications are detailed below:

Feature	Specification
Part Numbers	754-04249A, 954-04249A
Belt Type	Classic V-belt (B68 5L710)
Outside Length	71 inches (180.34 cm)
Width	5/8 inches (1.59 cm)
Material	Rubber
Color	Black
Weight	0.36 kg (0.79 lbs)

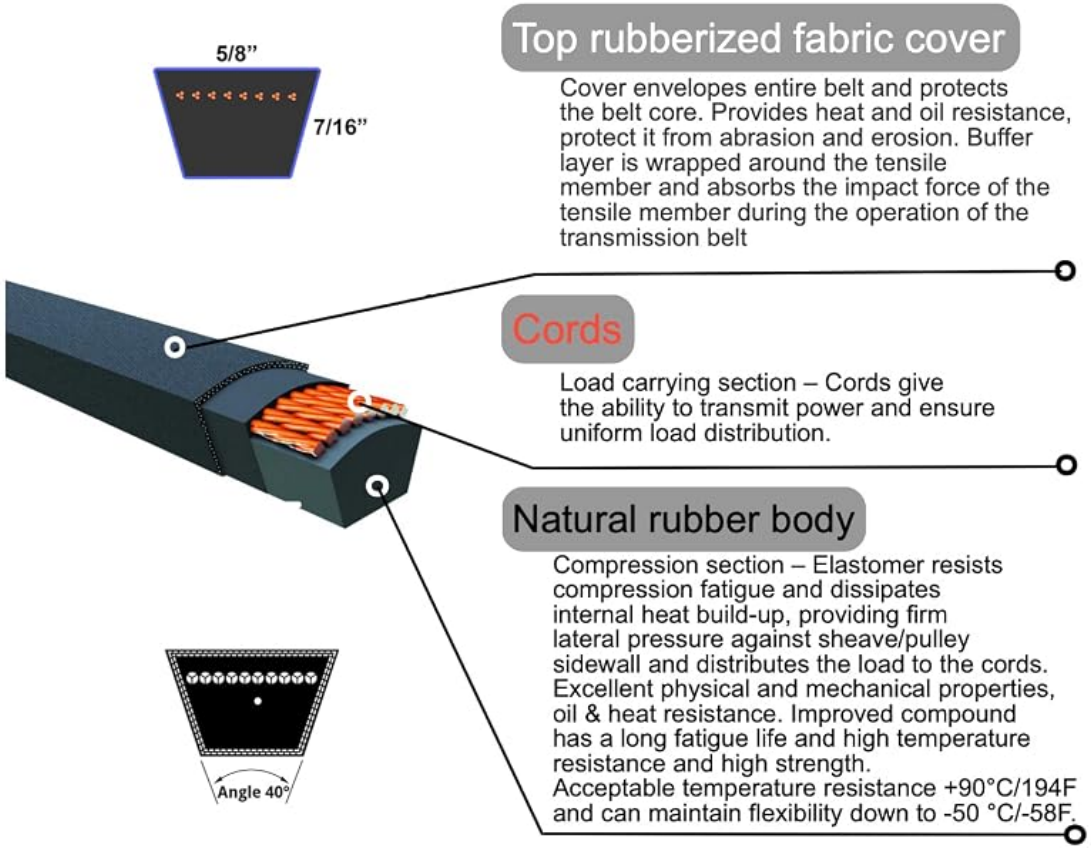


Figure 2: V-Belt Construction and Dimensions

The belt features a top rubberized fabric cover for protection against abrasion and erosion, internal cords for load carrying and uniform distribution, and a natural rubber body for compression fatigue resistance and heat dissipation.

3. Compatibility

This drive belt is a replacement part compatible with various Murray lawn riding mower models. It replaces OEM part numbers 754-04249, 754-04249A, 954-04249, and 954-04249A.

Compatible Murray Models:

- M115-38

- M115-42
- M175-42
- M195-46
- M125-38
- M155-42
- M135-38

Important: *Always verify your mower's specific OEM part number and belt size before ordering to ensure correct fitment. The model/product number is typically located under the seat or on the side hood of your mower.*

4. Safety Information

Always prioritize safety when working with machinery. Failure to follow safety instructions can result in serious injury.

General Safety Precautions:

- **Disconnect Power:** Before beginning any work, ensure the mower's engine is off, the spark plug wire is disconnected, and the battery is disconnected (if applicable) to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including work gloves to protect your hands from sharp edges and pinch points, and safety glasses to protect your eyes.
- **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 flat, stable surface and properly supported to prevent it from rolling or tipping during maintenance.
- **Read Mower Manual:** Refer to your specific lawn mower's owner's manual for detailed safety instructions and belt replacement procedures unique to your model.

5. Installation Guide

Replacing a drive belt typically involves accessing the transmission and pulley system. The following steps provide a general guide. Specific procedures may vary by mower model.

Tools Required (Typical):

- Socket wrench set
- Pliers
- Screwdrivers
- Work gloves

Installation Steps:

1. **Prepare the Mower:** Park the mower on a level surface, engage the parking brake, turn off the engine, disconnect the spark plug wire, and remove the ignition key.
2. **Access the Belt:** Depending on your mower model, you may need to remove the cutting deck, footrest, or other covers to gain access to the drive belt and pulleys. Consult your mower's manual for specific access instructions.
3. **Relieve Tension:** Locate the belt tensioner pulley or idler pulley. Use a wrench or pry bar to relieve tension on the old belt, allowing it to be removed from the pulleys.
4. **Remove Old Belt:** Carefully remove the old drive belt from all pulleys, noting its routing path. It is often helpful to take a photo or draw a diagram of the belt's path before removal.

5. **Install New Belt:** Route the new Technology Parts Store drive belt around the pulleys, following the exact path of the old belt. Ensure the belt is seated correctly in all pulley grooves.
6. **Apply Tension:** Reapply tension to the belt using the tensioner pulley mechanism. Ensure the belt is taut but not overly tight, allowing for proper engagement and disengagement.
7. **Reassemble Mower:** Reinstall any covers, the cutting deck, or other components that were removed.
8. **Test Operation:** Reconnect the spark plug wire and battery. Start the mower and test the drive system in a safe, open area to ensure the belt engages and disengages smoothly and the mower moves correctly.



Figure 3: Example of a Drive Belt Routing Diagram

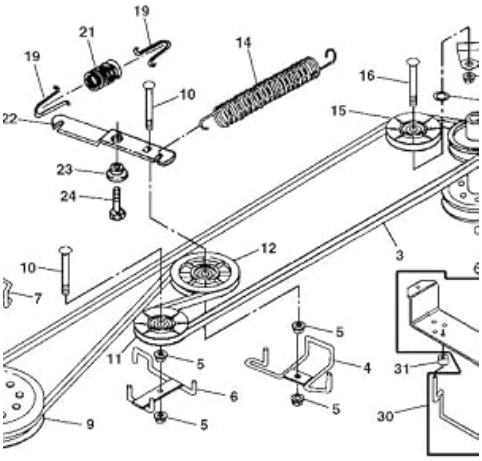


Figure 4: Adjusting a Pulley During Belt Installation

6. Maintenance

Regular inspection and proper maintenance can extend the life of your drive belt and ensure consistent mower performance.

Maintenance Tips:

- **Regular Inspection:** Periodically inspect the drive belt for signs of wear, cracks, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Keep Clean:** Keep the belt and pulleys free from dirt, grass clippings, oil, and other debris. Contaminants can cause premature wear and slippage.
- **Check Tension:** Ensure the belt maintains proper tension. A loose belt can slip, causing loss of power, while an overly tight belt can put excessive strain on bearings and reduce belt life.
- **Avoid Overloading:** Do not overload the mower or attempt to cut excessively tall or wet grass, as this can put undue stress on the drive belt.
- **Proper Storage:** When storing the mower for extended periods, ensure the belt is not under tension if possible, and store in a cool, dry place away from direct sunlight and chemicals.

7. Troubleshooting Common Issues

If you experience problems with your mower's drive system, the belt may be a contributing factor. Here are some common issues and potential solutions:

Problem	Possible Cause	Solution
Mower not moving or moving slowly	Loose, worn, or broken drive belt; seized pulley	Inspect belt for damage or improper tension. Replace if worn or broken. Check pulleys for free movement.
Squealing noise from belt area	Loose belt; glazed belt; misaligned pulleys; debris on belt/pulleys	Check and adjust belt tension. Clean belt and pulleys. Inspect for pulley alignment. Replace glazed belt.
Belt frequently comes off pulleys	Incorrect belt size; worn pulleys; misaligned pulleys; worn belt guides	Ensure correct belt size. Inspect pulleys for wear. Check pulley alignment and belt guides.
Excessive vibration	Damaged belt; bent pulley	Inspect belt for damage. Check pulleys for bends or damage.

If troubleshooting steps do not resolve the issue, consult a qualified service technician or refer to your mower's specific service manual.

8. Warranty and Support

For any questions regarding the Technology Parts Store Drive Belt 754-04249A 954-04249A, including compatibility, installation, or performance, please contact Technology Parts Store customer support.

Contact Information:

Please refer to the retailer's website or your purchase documentation for the most current customer support contact details.
Warranty: Specific warranty terms and conditions for this product are provided by the retailer or manufacturer at the time of purchase. Please retain your proof of purchase for any warranty claims.

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