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› [LESIONGO](#) /

› [LESIONGO Deck Belt for Ariens 46-Inch Lawn Tractors \(Replaces OEM 21546607\) Instruction Manual](#)

LESIONGO Replaces Ariens OEM 21546607 (Compatible with Ariens 46-inch Lawn Tractors)

LESIONGO Replacement Deck Belt for Ariens 46-Inch Lawn Tractors (OEM 21546607) Instruction Manual

INTRODUCTION

This manual provides instructions for the proper installation and maintenance of the LESIONGO replacement deck belt, designed for Ariens 46-inch lawn tractors. This belt replaces Ariens OEM part number 21546607. Adherence to these instructions will help ensure optimal performance and longevity of the product.

SAFETY INFORMATION

- Always ensure the lawn tractor is turned off, the engine is cool, and the spark plug wire is disconnected before performing any maintenance or installation.
- Wear appropriate personal protective equipment (PPE) such as safety gloves and eye protection during installation and maintenance.
- Refer to your Ariens lawn tractor's owner's manual for specific safety precautions and procedures.

PRODUCT OVERVIEW

The LESIONGO replacement deck belt has a width of 1/2 inch (0.5") and an outer length of 105 3/4 inches (105.75"). It is designed to replace Ariens OEM part number 21546607 and is compatible with various Ariens 46-inch lawn tractor models, including 936071, 936075, 936077, 936085, 936086, 936001, 936039, 936050, 936053, 936056, 936057, 936063, and 936066.



This image displays the LESIONGO replacement deck belt, highlighting its construction and material texture. The belt is black and features a ribbed surface designed for optimal grip and durability in lawn tractor applications.

INSTALLATION INSTRUCTIONS

Tools Required:

- Socket wrench set
- Pry bar (optional, for tensioning)
- Safety gloves and eye protection

Step-by-Step Installation:

1. **Prepare the Tractor:** Park the lawn tractor on a flat, level surface. Engage the parking brake and remove the ignition key. Disconnect the spark plug wire to prevent accidental starting.
2. **Lower Mower Deck:** Lower the mower deck to its lowest position.
3. **Remove Mower Deck:** Refer to your Ariens lawn tractor's owner's manual for specific instructions on removing the mower deck. This typically involves detaching the deck from the lift arms and disengaging the PTO (Power Take-Off) cable.
4. **Access Deck:** Carefully slide the mower deck out from under the tractor to gain full access.

5. **Note Belt Routing:** Locate the old deck belt. *It is highly recommended to take a photo or draw a diagram of the belt's routing around the pulleys before removal.* This will be crucial for correct installation of the new belt.
6. **Remove Old Belt:** Relieve tension on the idler pulley to remove the old belt. This may require using a pry bar or a wrench to move the tensioning arm. Carefully remove the old belt from all pulleys.
7. **Install New Belt:** Install the new LESIONGO replacement deck belt, following the exact routing path noted in step 5. Ensure the belt is seated correctly in all pulley grooves.
8. **Verify Tension:** Re-tension the idler pulley and verify the belt is properly aligned and has appropriate tension.
9. **Reinstall Mower Deck:** Reinstall the mower deck onto the tractor, ensuring all connections (lift arms, PTO cable) are secure and properly attached.
10. **Reconnect Spark Plug:** Reconnect the spark plug wire.
11. **Test Operation:** Test the mower deck engagement at a low engine speed in a clear, open area before full operation. Listen for any unusual noises or vibrations.

OPERATING GUIDELINES

After installing the new deck belt, ensure all components are securely fastened and the belt is correctly tensioned. Operate the lawn tractor according to its manufacturer's instructions. Avoid engaging the mower deck at excessively high engine RPMs to prolong belt life. If unusual noises or vibrations occur during operation, disengage the mower deck immediately and inspect the belt and pulleys for issues.

MAINTENANCE

- **Regular Inspection:** Regularly inspect the deck belt for signs of wear, cracks, fraying, glazing, or other damage. Replace the belt if any damage is observed to prevent operational failure.
- **Cleanliness:** Keep the mower deck and pulleys clean from grass clippings, dirt, and other debris. Accumulation can cause premature belt wear and slippage.
- **Pulley Condition:** Ensure all pulleys spin freely and are not seized, bent, or damaged. Damaged pulleys can significantly reduce belt lifespan and performance.
- **Belt Tension:** Proper belt tension is crucial for efficient operation and belt longevity. Refer to your Ariens lawn tractor manual for recommended tensioning procedures and adjustments.

TROUBLESHOOTING

Symptom	Possible Cause	Solution
Mower blades not engaging or slipping	Belt is loose, worn, or incorrectly installed.	Check belt tension, inspect for wear, and verify correct routing. Replace if necessary.
Excessive noise or vibration from the mower deck	Belt misalignment, damaged pulley, or foreign object caught in the belt path.	Inspect belt routing and alignment. Check pulleys for damage. Remove any debris.

Symptom	Possible Cause	Solution
Belt frequently comes off pulleys	Incorrect belt size, worn pulleys, or improper tension.	Confirm the belt is the correct size (1/2" x 105.75"). Inspect pulleys for wear or damage. Adjust belt tension.

SPECIFICATIONS

Part Number: Replaces Ariens OEM 21546607

Belt Type: Deck Belt

Width: 1/2 inch (0.5")

Outer Length: 105 3/4 inches (105.75")

Material: Durable composite material

Compatible Devices: Ariens 46-inch Lawn Tractors (Models: 936071, 936075, 936077, 936085, 936086, 936001, 936039, 936050, 936053, 936056, 936057, 936063, 936066)

WARRANTY AND SUPPORT

For warranty information or technical support regarding your LESIONGO replacement deck belt, please contact the manufacturer directly through their official website or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.