

[Manuals.plus](#) /

› [Stens](#) /

› Stens 266-253 OEM Replacement Deck Belt Instruction Manual for Cub Cadet and MTD Mowers

## Stens 266-253

# Stens 266-253 OEM Replacement Deck Belt Instruction Manual

Model: 266-253

## 1. PRODUCT OVERVIEW

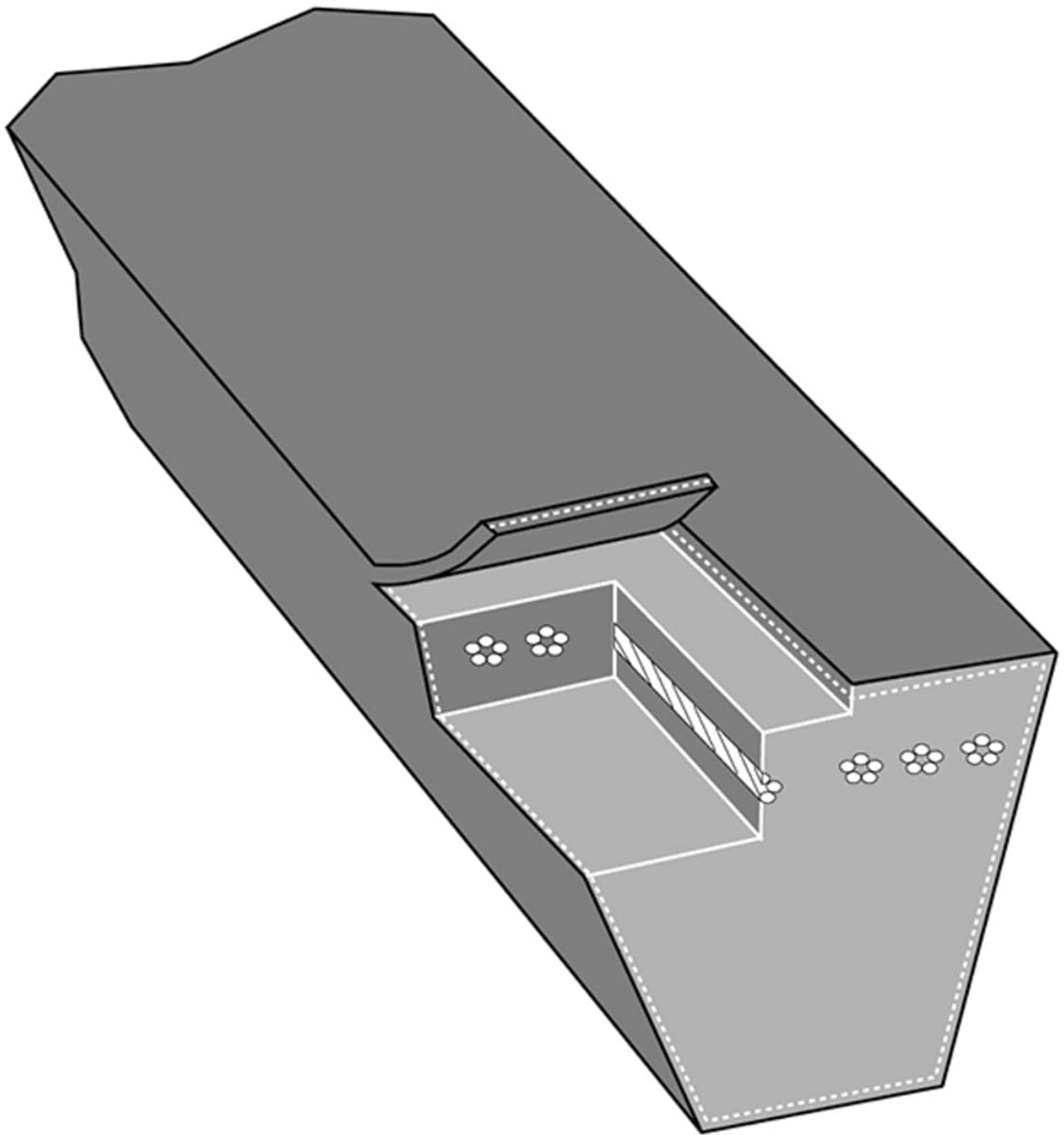
The Stens 266-253 is an OEM replacement deck belt designed for specific Cub Cadet and MTD lawn tractor models. This covered belt is engineered to provide reliable power transmission for your mower deck, ensuring efficient operation. It is crucial to verify part compatibility before installation to ensure correct fitment and performance.



Image 1.1: The Stens 266-253 OEM Replacement Deck Belt, coiled and packaged.

## 2. SPECIFICATIONS

- **Description:** OEM Replacement Belt
- **Belt Application:** Deck
- **Belt Type:** Covered
- **Length:** 108 1/2 inches (approximately 275.59 cm)
- **Width:** 1/2 inch (approximately 1.27 cm)



# Covered

Image 2.1: Cross-section diagram illustrating the construction of a covered belt.

## 3. COMPATIBILITY

This replacement belt is compatible with the following models and replaces the specified OEM part numbers:

### 3.1. Compatible Mower Models

- **Cub Cadet:** Most XT1-LT46 KH and XT2-LX46 mower decks
- **MTD:** 13A8A1ZT099, 13ALA1ZT091, 13APA1KT897, 13APA1ZT093, 13AQA1ZT099, and 13ATA1ZT099 lawn tractors
- **Troy-Bilt:** 13AAA1BT066, 13AAAIKT066, and 13AJA1BT066 lawn tractors

### 3.2. Replaces OEM Part Numbers

| Brand     | OEM Part Numbers                  |
|-----------|-----------------------------------|
| Cub Cadet | 754-05022A, 954-05022, 954-05022A |
| MTD       | 754-05022A, 954-05022, 954-05022A |
| Troy-Bilt | 754-05022A, 954-05022, 954-05022A |

Always verify the part number on your existing belt or in your equipment's manual to ensure correct fitment.

## 4. SAFETY INFORMATION

Before attempting any installation or maintenance, always prioritize safety. Failure to follow safety guidelines can result in serious injury or damage to equipment.

- **Read Your Equipment Manual:** Consult your lawn tractor's owner's manual for specific safety procedures and belt replacement instructions.
- **Disconnect Power:** Always turn off the engine, remove the ignition key, and disconnect the spark plug wire(s) before working on the mower deck or engine.
- **Engage Parking Brake:** Ensure the parking brake is engaged to prevent accidental movement.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and eye protection.
- **Allow Cooling:** Allow the engine and any hot components to cool down before handling.
- **Secure Equipment:** If lifting the mower, ensure it is securely supported to prevent it from falling.

## 5. INSTALLATION INSTRUCTIONS

These are general guidelines for replacing a mower deck belt. Specific steps may vary by equipment model. Refer to your equipment's service manual for detailed instructions.

### 5.1. Preparation

1. Park the lawn tractor on a flat, level surface.
2. Engage the parking brake.
3. Turn off the engine, remove the ignition key, and disconnect the spark plug wire(s).
4. Allow the engine and muffler to cool.
5. If necessary, remove the mower deck from the tractor according to your equipment's manual. This often involves disconnecting the PTO cable, anti-scalp wheels, and lift arms.

### 5.2. Removal of Old Belt

6. Carefully observe or diagram the routing of the old belt around all pulleys (engine, idler, spindle pulleys). This will be crucial for installing the new belt correctly.
7. Release any tensioning mechanisms or idler pulleys that hold the belt taut.
8. Remove the old belt from all pulleys.

### 5.3. Installation of New Belt

9. Route the new Stens 266-253 belt exactly as the old belt was routed, referring to your diagram or memory. Ensure the belt is seated correctly in all pulley grooves.
10. Re-engage any tensioning mechanisms or idler pulleys. Ensure the belt is taut but not excessively tight.



Image 5.1: A drive belt correctly seated on an engine pulley, illustrating proper routing.

### 5.4. Post-Installation Check

11. Double-check the belt routing to ensure it matches the original configuration.
12. Ensure all guards and covers are reinstalled securely.
13. If the mower deck was removed, reattach it to the tractor according to your equipment's manual.

14. Reconnect the spark plug wire(s).
15. Start the engine and engage the mower deck briefly to confirm proper operation. Listen for unusual noises and observe belt movement.

## 6. MAINTENANCE

---

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

- **Regular Inspection:** Periodically inspect the belt for signs of wear, cracks, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Cleanliness:** Keep the belt and pulleys free from grass clippings, dirt, oil, and other debris. Accumulation can cause slippage and premature wear.
- **Proper Tension:** Ensure the belt maintains proper tension as specified in your equipment's manual. Over-tensioning can stress the belt and pulleys, while under-tensioning can lead to slippage.
- **Storage:** When not in use for extended periods, store the equipment in a dry, cool place. Avoid exposing the belt to extreme temperatures or direct sunlight, which can degrade the material.



Image 6.1: A close-up view of the Stens replacement belt material, showing its condition.

## 7. TROUBLESHOOTING

---

If you encounter issues after belt replacement or during operation, consider the following common problems and solutions:

| Problem                      | Possible Cause                                                           | Solution                                                          |
|------------------------------|--------------------------------------------------------------------------|-------------------------------------------------------------------|
| Belt slips or squeals        | Incorrect tension, worn belt, glazed pulleys, debris on belt/pulleys     | Adjust tension, replace belt, clean pulleys, remove debris        |
| Belt comes off pulleys       | Incorrect routing, worn pulleys, bent pulley guards, incorrect belt size | Verify routing, inspect pulleys/guards, ensure correct belt size  |
| Excessive vibration or noise | Damaged belt, misaligned pulleys, worn bearings in pulleys/spindles      | Inspect belt for damage, check pulley alignment, inspect bearings |
| Mower deck not engaging      | PTO cable issue, incorrect belt routing, belt broken                     | Check PTO cable, verify belt routing, replace broken belt         |

## 8. WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Stens 266-253 OEM Replacement Deck Belt, please refer to the official Stens website or contact Stens customer service directly. Keep your purchase receipt as proof of purchase.

For additional resources and product information, you may visit the [Stens Store on Amazon](#).

© 2023 Stens. All rights reserved.

### ASK A QUESTION ABOUT THIS MANUAL

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**