Technology Parts Store K5112-51310

Technology Parts Store K5112-51310 Drive Belt Instruction Manual

For Kubota T1460, T1560, T1470, T1670 Lawn Tractors

1. Introduction

This manual provides essential information regarding the Technology Parts Store K5112-51310 Drive Belt. This belt is designed as a replacement part for specific Kubota lawn tractor models, ensuring proper power transmission for your equipment. Please read all instructions carefully before installation and use.



Image 1.1: The K5112-51310 Drive Belt, coiled for packaging.

2. Safety Information

WARNING: Always prioritize safety when working with machinery.

- **Wear work gloves:** To protect your hands from cuts, pinches, and abrasions during installation, always wear appropriate work gloves.
- **Disconnect power:** Before attempting any installation or maintenance, ensure the lawn tractor's engine is off, the spark plug wire is disconnected, and the key is removed to prevent accidental starting.
- **Consult tractor manual:** Refer to your Kubota lawn tractor's official owner's manual for specific safety procedures and detailed instructions pertaining to your model.

3. Product Specifications

The K5112-51310 Drive Belt is engineered to meet the operational requirements of compatible Kubota lawn tractors.

- **Belt Size (Outside Dimension):** Width - 5/8 inches, Length - 94 inches (B91 5L940)
- **Material:** High-quality Rubber
- **Belt Style:** Classic V-belt
- **Replaces OEM #:** Kubota K5112-51310
- **Compatible with Kubota Models:** T1460, T1560, T1470, T1670 (with deck RCK40LT)
- **Product Dimensions:** 94"L x 0.63"W
- **Item Weight:** 0.48 Kilograms



Image 3.1: Cross-section view illustrating the internal components of a V-belt, including the top rubberized fabric cover, cords, and natural rubber body.

4. Installation (Setup)

Proper installation is crucial for the longevity and performance of your drive belt. Always refer to your specific Kubota lawn tractor's service manual for detailed, model-specific installation procedures.

1. **Verify Compatibility:** Before beginning, confirm that this belt (K5112-51310, 5/8" x 94") is the correct replacement for your Kubota T1460, T1560, T1470, or T1670 model. Check your mower's OEM part number, typically found under the seat or on the side hood.
2. **Prepare the Tractor:** Ensure the tractor is on a flat, stable surface. Disconnect the spark plug wire and remove the ignition key. Allow the engine and any hot components to cool down.
3. **Access the Belt Area:** Depending on your tractor model, you may need to remove the mower deck or other covers to access the drive belt system. Consult your tractor's manual for these steps.
4. **Remove Old Belt:** Carefully release tension from the existing belt using the tensioner pulley mechanism. Remove the old belt from all pulleys. Note the routing of the old belt to assist with new belt installation.
5. **Inspect Pulleys:** While the belt is off, inspect all pulleys for wear, damage, or misalignment. Replace any worn components to prevent premature wear on the new belt.
6. **Install New Belt:** Route the new K5112-51310 drive belt around the pulleys according to the correct path for your tractor model. Ensure the belt is seated properly in all pulley grooves.

7. **Adjust Tension:** Apply tension to the new belt using the tensioner mechanism. The belt should be taut but not overly tight. Refer to your tractor's manual for recommended tension specifications.
8. **Reassemble and Test:** Reinstall any removed covers or the mower deck. Reconnect the spark plug wire. Start the tractor and engage the drive system at a low speed in a safe, open area to ensure the belt operates smoothly without slipping or unusual noises.



Image 4.1: An illustrative diagram of a pulley adjustment mechanism, useful for understanding belt tensioning.



Image 4.2: An exploded view diagram detailing various mower deck parts, including the engine, blade, and belt routing area.

5. Operation

Once installed, the K5112-51310 Drive Belt functions as a critical component in your Kubota lawn tractor's power transmission system. It transfers power from the engine to the mower deck or drive wheels, enabling the tractor to operate. No specific operational steps are required for the belt itself beyond ensuring it is correctly installed and tensioned.

6. Maintenance

Regular inspection and maintenance of your drive belt will extend its lifespan and ensure optimal performance of your lawn tractor.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing, or missing chunks. Check for proper tension; a loose belt can slip, and an overly tight belt can strain bearings.
- **Keep Clean:** Keep the belt and pulleys free from dirt, grass clippings, oil, and other debris. Contaminants can cause the belt to slip or wear prematurely.
- **Check Pulleys:** Ensure all pulleys are clean, free of rust, and spin freely. Misaligned or damaged pulleys can quickly destroy a new belt.
- **Storage:** If storing the tractor for an extended period, ensure the belt is clean and properly tensioned. Store in a cool, dry place.

7. Troubleshooting

If you encounter issues with your drive belt, consider the following common problems and solutions:

- **Belt Slipping:**
  - **Cause:** Insufficient tension, worn belt, glazed belt, oil/grease on belt/pulleys.
  - **Solution:** Adjust belt tension, replace worn belt, clean belt and pulleys.
- **Premature Belt Wear:**
  - **Cause:** Misaligned pulleys, worn pulley bearings, incorrect belt tension (too tight or too loose), foreign objects caught in the belt path.
  - **Solution:** Inspect and align pulleys, replace worn bearings, adjust tension, clear debris.
- **Belt Noise (Squealing/Screeching):**
  - **Cause:** Loose belt, glazed belt, worn pulleys, contamination.

- **Solution:** Adjust tension, replace belt if glazed, inspect and clean pulleys.

- **Belt Does Not Fit:**
  - **Cause:** Incorrect belt size ordered, wrong OEM part number cross-reference.
  - **Solution:** Double-check your tractor's OEM part number and the belt's specifications. If assistance is needed, contact customer support with your mower's model/product number.

8. Warranty and Support

For any questions regarding the K5112-51310 Drive Belt, including compatibility, installation, or performance issues, please contact Technology Parts Store customer support. While specific warranty details are not provided in this manual, our team is available to assist you with product-related inquiries.
To ensure prompt assistance, please have your product details (K5112-51310 Drive Belt) and your Kubota lawn tractor's model/product number ready when contacting support.



Image 8.1: Our customer support team is ready to assist you.

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

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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