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Technology Parts Store 954-04060B

Technology Parts Store Blade Drive Belt 954-04060B Instruction Manual

Compatible with Craftsman Model 247255870

1. Introduction

This manual provides essential information for the safe and effective installation, operation, and maintenance of your Technology Parts Store Blade Drive Belt 954-04060B. This belt is designed as a replacement part for Craftsman Model 247255870 lawn mowers. Please read these instructions thoroughly before proceeding with any installation or maintenance.

2. Safety Precautions

- Always wear appropriate personal protective equipment, including work gloves and eye protection, when handling or installing the belt.
- Ensure the lawn mower engine is turned off, the spark plug wire is disconnected, and the key is removed before attempting any installation or maintenance.
- Allow all moving parts to come to a complete stop and cool down before touching them.
- Refer to your Craftsman lawn mower's original owner's manual for specific safety instructions and procedures related to your equipment.
- Keep children and bystanders away from the work area.

3. Product Specifications

The Technology Parts Store Blade Drive Belt 954-04060B is a durable replacement belt engineered for reliable performance in compatible lawn mowers.

- **Part Number:** 954-04060B (Replaces OEM # Craftsman 954-04060B)
- **Compatible Model:** Craftsman 247255870
- **Dimensions:** 1/2" (width) x 96" (length)
- **Belt Style:** Classic V-belt (A94 4L960)
- **Material:** Rubber
- **Function:** Turns the pulley that spins the blades on the mower deck.



Image: Cross-section view of a V-belt, illustrating its internal cords and rubber body for load carrying and compression.

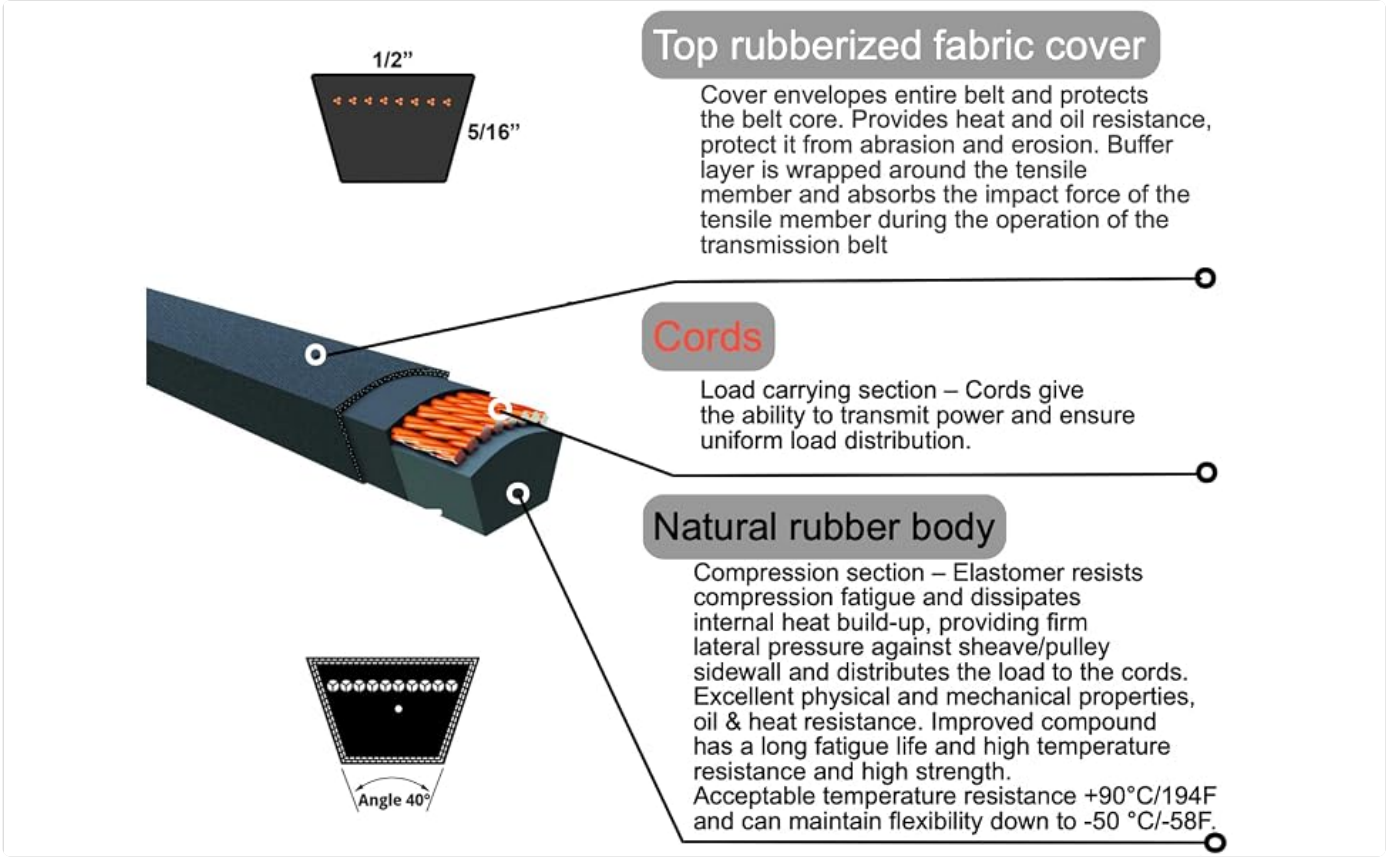


Image: Detailed diagram of a V-belt's construction, highlighting the top rubberized fabric cover for protection, internal cords for power transmission, and the natural rubber body for compression and heat dissipation.

4. Installation Guide

Follow these steps to replace the blade drive belt on your Craftsman Model 247255870 lawn mower. Always prioritize safety as outlined in Section 2.

1. **Prepare the Mower:** Park the lawn mower on a flat, level surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire to prevent accidental starting.
2. **Access the Mower Deck:** Depending on your specific Craftsman model, you may need to lower or remove the mower deck to gain access to the blade drive belt system. Consult your mower's owner's manual for detailed instructions on deck removal.
3. **Locate the Belt Routing:** Carefully observe or take a picture of the existing belt's routing around the engine pulley, idler pulleys, and blade pulleys. This will be crucial for correct installation of the new belt.
4. **Remove the Old Belt:** Release any tensioners or idler pulleys as needed to loosen the old belt. Carefully remove the worn or broken belt from all pulleys.
5. **Install the New Belt:** Route the new Technology Parts Store 954-04060B belt according to the diagram or your previous observation. Ensure the belt is seated correctly in all pulley grooves.
6. **Tension the Belt:** Re-engage any tensioners or idler pulleys to apply proper tension to the new belt. The belt should be snug but not overly tight.
7. **Reassemble Mower Deck:** If the mower deck was removed, reattach it securely according to your mower's manual.

Image: Exploded diagram illustrating the various components of a lawn mower deck, including pulleys, springs, and the path for belt routing. Use this as a general reference for belt installation.

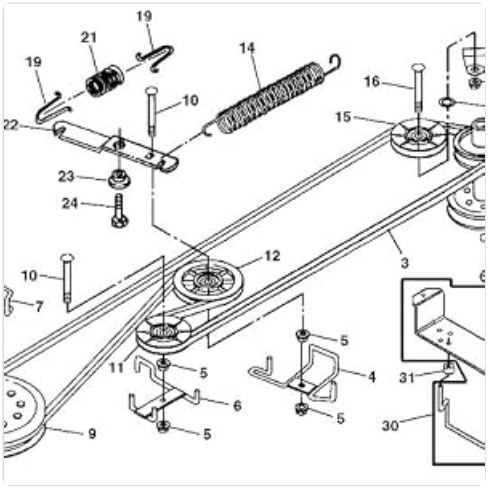


Image: Diagram depicting a pulley system with a drive belt, highlighting potential adjustment points for tensioning. This serves as a visual aid for understanding belt tension mechanisms.

5. Post-Installation Check

After installing the new belt, perform the following checks before operating the mower:

- **Visual Inspection:** Ensure the belt is properly seated on all pulleys and is not twisted or rubbing against any mower components.
- **Belt Tension:** Verify that the belt has appropriate tension. It should be firm but allow for slight deflection when pressed. Refer to your mower's manual for specific tensioning guidelines if available.

- **Reconnect Spark Plug:** Reconnect the spark plug wire.
- **Test Operation:** Start the mower and engage the blades briefly in a safe, open area to confirm the belt operates smoothly without unusual noises or slipping. Disengage the blades and turn off the engine.

6. Maintenance and Care

Regular inspection and proper care will extend the life of your blade drive belt.

- **Routine Inspection:** Periodically inspect the belt for signs of wear, cracks, fraying, glazing, or damage. Replace the belt if any significant wear is observed.
- **Cleanliness:** Keep the belt and pulleys free from dirt, grass clippings, oil, and debris. These can cause premature wear and slippage.
- **Proper Storage:** If the mower is stored for an extended period, ensure the belt is not under excessive tension.
- **Avoid Overloading:** Do not overload the mower, as this can put undue stress on the drive belt.

7. Troubleshooting

If you encounter issues with your blade drive belt, consider the following:

- **Blades Not Engaging or Slipping:**
  - Check belt tension. It may be too loose.
  - Inspect the belt for wear or damage. A worn belt will slip.
  - Ensure pulleys are clean and free of debris.
- **Unusual Noises (Squealing, Grinding):**
  - The belt may be misaligned or rubbing against a component.
  - Pulleys might be worn or damaged.
  - Belt tension could be incorrect (too tight or too loose).
- **Belt Breaking Prematurely:**
  - Check for sharp edges or obstructions in the belt path.
  - Ensure pulleys are in good condition and not seized.
  - Verify correct belt routing and tension.

8. Contact and Support

For further assistance or inquiries regarding your Technology Parts Store Blade Drive Belt, please contact the seller directly through the platform where the purchase was made. Refer to your purchase records for seller contact information.



Image: The official logo for Technology Parts Store, indicating the brand of the product.

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