Bubbacare GX20571 GX21833

Bubbacare GX20571 GX21833 Deck Belt Replacement Manual

For John Deere D150, D160, L120, L130, 145, 155 Series Lawn Mowers

1. Introduction

This manual provides instructions for the proper installation, maintenance, and general information regarding the Bubbacare GX20571 and GX21833 Deck Belt Replacement. This belt is designed for use with specific John Deere lawn mower models to ensure efficient power transmission to the mower deck.

2. Product Overview

The Bubbacare GX20571 GX21833 deck belt is constructed from durable materials to withstand the operational demands of lawn mowers. It features polyester cords for strength, a rubber core for flexibility and grip, and a fabric covering for wear resistance.



Figure 2.1: Cross-section view of the deck belt illustrating its construction components and dimensions.

3. Specifications

Specification	Value
Product Dimensions	140.25 x 0.5 x 0.04 inches (Length x Width x Thickness)
Item Weight	14.4 ounces
Brand	Bubbacare
Belt Style	Deck Belt
Color	Black
Compatible Devices	UTV (Note: Primarily for John Deere Lawn Mowers as specified in compatibility section)

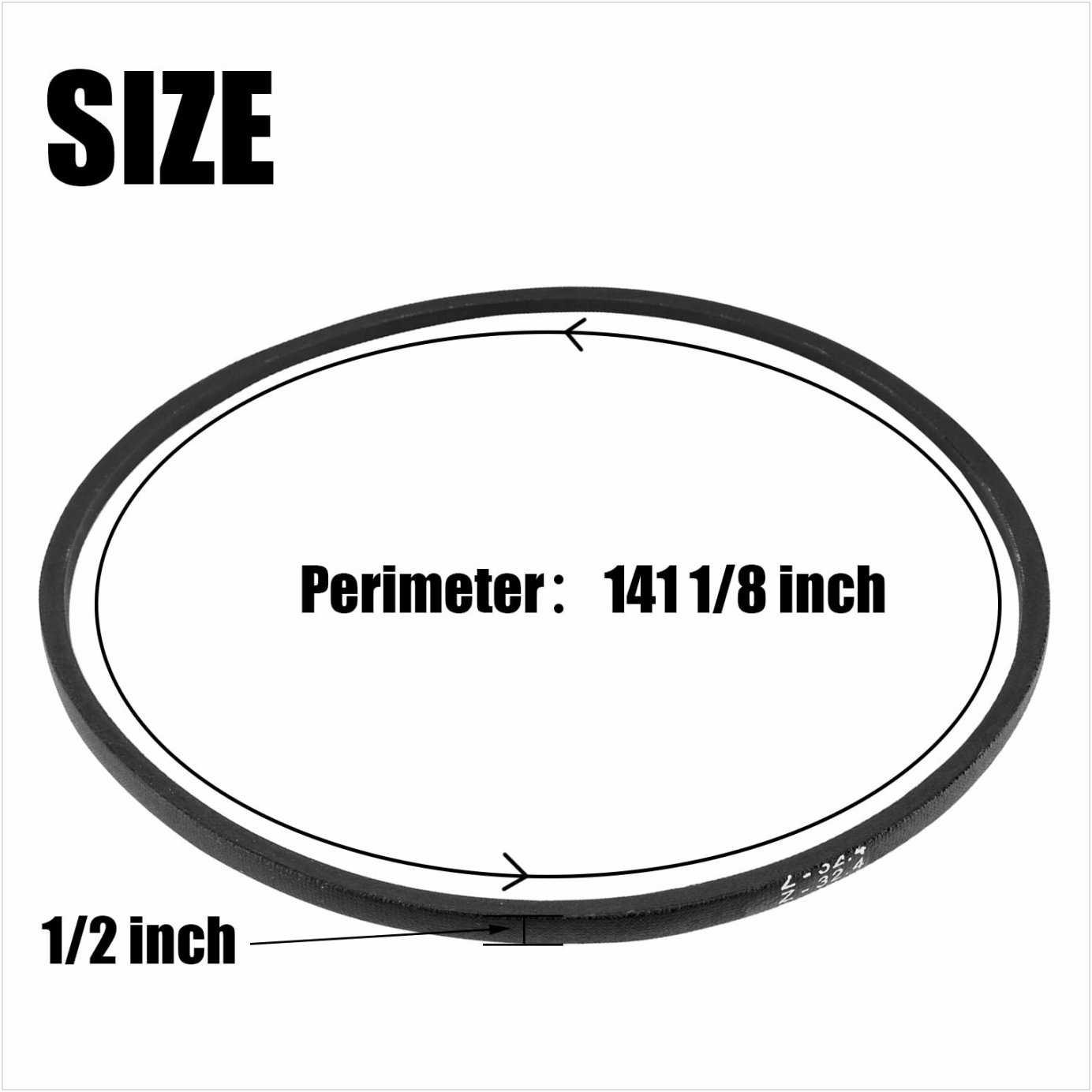


Figure 3.1: Dimensions of the deck belt, indicating a perimeter of 141 1/8 inches and a width of 1/2 inch.

4. Compatibility

This replacement deck belt is compatible with the following John Deere lawn mower models:

- John Deere D150
- John Deere D160
- John Deere L120
- John Deere L130
- John Deere 145 (PC9537)
- John Deere 155C (PC9538)
- John Deere D140 (PC10445)
- John Deere D150 (PC10446)
- John Deere D155 (PC12495)

- John Deere D160 (PC10447)
- John Deere E140 (PC13338)
- John Deere E150 (PC13339)

It replaces OEM part numbers GX20571 and GX21833, and is also compatible with S-tens 265-238.



Figure 4.1: The replacement deck belt shown with a John Deere mower, indicating its intended application and listing compatible models.

5. Installation Instructions

Safety First: Before attempting any installation or maintenance, ensure the lawn mower engine is off, the spark plug wire is disconnected, and the parking brake is engaged. Refer to your John Deere mower's owner's manual for specific safety precautions and detailed instructions for your model.

General Steps for Deck Belt Replacement:

1. **Prepare the Mower:** Park the mower on a flat, level surface. Disconnect the spark plug wire to prevent accidental starting.

2. **Remove Mower Deck:** Follow your mower's manual to safely detach and remove the mower deck from the tractor. This usually involves disconnecting linkage rods, springs, and the PTO cable.
3. **Access the Belt:** Once the deck is removed and flipped over, locate the old deck belt. You may need to remove belt covers or guards to access it.
4. **Note Belt Routing:** Before removing the old belt, carefully observe or draw a diagram of its routing around all pulleys (engine, idler, and spindle pulleys). This is crucial for correct installation of the new belt.
5. **Remove Old Belt:** Release tension from the idler pulley(s) and carefully remove the old belt from all pulleys.
6. **Install New Belt:** Route the new Bubbacare GX20571 GX21833 belt according to the diagram you made or observed. Ensure it is seated correctly in all pulley grooves.
7. **Tension the Belt:** Re-engage the idler pulley tensioner. The belt should feel snug but not overly tight.
8. **Reinstall Covers and Deck:** Replace any belt covers or guards. Reattach the mower deck to the tractor, ensuring all connections (linkage rods, springs, PTO cable) are secure.
9. **Test Operation:** Reconnect the spark plug wire. Start the mower and engage the PTO at a low throttle setting to ensure the belt operates smoothly without slipping or unusual noises. Disengage the PTO and turn off the engine before making any adjustments.

6. Maintenance

Regular inspection and proper maintenance can extend the life of your deck belt.

- **Inspect Regularly:** Periodically check the belt for signs of wear, cracks, fraying, glazing, or stretching. Replace the belt if any significant damage is observed.
- **Keep Clean:** Remove any grass clippings, dirt, or debris that may accumulate on the belt or pulleys. Debris can cause premature wear and slippage.
- **Check Pulleys:** Ensure all pulleys are clean, free of rust, and spin freely. Worn or seized pulleys can damage the belt.
- **Proper Tension:** Verify that the belt tension is correct according to your mower's specifications. Incorrect tension can lead to slippage or excessive wear.

7. Troubleshooting

If you experience issues after replacing the deck belt, consider the following:

- **Belt Slippage:**
  - Check for correct belt tension.
  - Ensure pulleys are clean and free of debris or grease.
  - Verify the belt is correctly routed.
  - Inspect the belt for glazing or wear.
- **Excessive Noise (Squealing, Grinding):**
  - Confirm correct belt routing and tension.
  - Inspect pulleys for damage, wear, or misalignment.
  - Check for foreign objects caught in the belt path.
- **Belt Comes Off Pulleys:**
  - Verify correct belt routing.
  - Check for bent or damaged belt guides/guards.
  - Inspect pulleys for wear, damage, or misalignment.
  - Ensure the deck is properly attached and leveled.

8. Warranty and Support

For information regarding warranty coverage or technical support, please refer to the product packaging or contact Bubbacare customer service through the retailer where the product was purchased. Keep your purchase receipt as proof of purchase.

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