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Faugcol FU-131

Faugcol Lawn Mower Deck Belt Instruction Manual

Model: FU-131

For John Deere S1642, S1742, Sabre 1542HS, 1542GS, 1642HS, 1742HS, 1742GS with 42-inch Deck

Product Overview

This manual provides essential information for the installation, operation, and maintenance of your Faugcol Lawn Mower Deck Belt. This belt is a replacement part designed for specific John Deere and Sabre lawn mower models with a 42-inch deck, ensuring optimal power transmission and reliable performance for your mowing needs.

The Faugcol deck belt is engineered for durability and efficiency, featuring a 1/2-inch width and 115 1/2-inch length. It is designed to withstand the rigorous demands of lawn mowing, providing consistent power to the mower deck.



Image: The Faugcol lawn mower deck belt, shown coiled and ready for installation. This belt is a critical component for power transmission in lawn mower deck systems.



Image: A Faugcol lawn mower belt displayed on a vibrant green grass background, emphasizing its key features: high tensile strength and great wear resistance, which contribute to its durable performance.

Specifications

Part Number Replaces	John Deere M124895, Dayco L4115, Gates 68115, Goodyear 841150, Ref No A113
Compatible Models	John Deere Scotts S1742, S1642; Sabre 1542HS, 1542GS, 1642HS, 1742HS, 1742GS with 42-inch deck
Belt Width	1/2 inch
Belt Length	115 1/2 inches
Product Dimensions	115.5"L x 0.5"W
Item Model Number	FU-131
Manufacturer	Faugcol

Installation Guide

Proper installation of the deck belt is crucial for the safe and efficient operation of your lawn mower. Always refer to your specific lawn mower's service manual for detailed, model-specific instructions and safety precautions before attempting any installation or maintenance.

Safety Precautions:

- Ensure the lawn mower engine is off and cool.

- Disconnect the spark plug wire to prevent accidental starting.
- Wear appropriate personal protective equipment, such as gloves and eye protection.
- Secure the mower on a flat, stable surface.

General Installation Steps:

1. **Access the Deck:** Depending on your mower model, you may need to remove the mower deck from the tractor or lift the mower to access the belt system.
2. **Remove Old Belt:** Carefully observe how the old belt is routed around the pulleys. Take photos or draw a diagram if necessary. Release any tensioners or idler pulleys to remove the old belt.
3. **Inspect Pulleys:** While the belt is off, inspect all pulleys for wear, damage, or excessive play. Replace any worn components.
4. **Install New Belt:** Route the new Faugcol deck belt according to the diagram or photos you took. Ensure it sits correctly in all pulley grooves.
5. **Tension the Belt:** Re-engage any tensioners or idler pulleys. The belt should be taut but not overly tight, allowing for proper flex.
6. **Verify Routing:** Double-check that the belt is correctly routed and not twisted or caught on any obstructions.
7. **Reassemble:** Reattach the mower deck if it was removed, and reconnect the spark plug wire.

After installation, perform a slow test run to ensure the belt operates smoothly and the deck engages correctly.

Operating Considerations

Once installed, the Faugcol deck belt is designed to provide reliable power transfer to your mower blades. Proper operation of your lawn mower, including avoiding obstacles and maintaining appropriate cutting heights, will contribute to the longevity of the belt and overall mower performance.

Listen for unusual noises during operation, such as squealing or grinding, which could indicate belt slippage or other issues requiring attention.

Maintenance

Regular inspection and maintenance of your deck belt will extend its lifespan and ensure consistent performance.

Inspection Schedule:

- **Before Each Use:** Briefly check the belt for any obvious damage, cracks, or fraying.
- **Seasonally or Every 25 Hours of Use:** Conduct a more thorough inspection.

What to Look For:

- **Cracks or Fraying:** Signs of material degradation.
- **Glazing:** A shiny, hardened appearance on the belt surface, indicating slippage and heat buildup.
- **Stretching:** A belt that appears loose or has lost its tension.
- **Missing Chunks:** Any missing pieces of rubber or cord.
- **Foreign Objects:** Debris caught in the belt or pulleys.

If any of these issues are observed, the belt should be replaced promptly to prevent further damage to the mower or operational failure.

Troubleshooting

This section addresses common issues related to deck belts and potential solutions.

Problem	Possible Cause	Solution
Belt Squealing/Slipping	Worn belt, incorrect tension, glazed belt, misaligned pulleys.	Inspect belt for wear; adjust tension; clean belt and pulleys; check pulley alignment. Replace belt if worn.
Belt Breaking Frequently	Incorrect belt size, worn or seized pulleys, excessive load, foreign object damage.	Verify correct belt size; inspect and replace worn pulleys; avoid mowing in excessively thick grass or hitting obstacles.
Mower Deck Not Engaging	Broken belt, dislodged belt, engagement mechanism failure.	Check if belt is intact and properly routed; inspect engagement lever/cable.

If troubleshooting steps do not resolve the issue, consult a qualified service technician or refer to your mower's specific service manual.

Quality Assurance and Testing

Faugcol deck belts undergo rigorous testing to ensure high performance and durability. This includes tests for material strength and tension capabilities.

Your browser does not support the video tag.

Video: This video demonstrates the quality assurance processes for Faugcol lawn mower belts, including a pull test to assess tensile strength and a strength test to evaluate durability under operational conditions. The video highlights the polyester tension cord used in the belt's construction.

Warranty and Support

For information regarding product warranty or technical support, please contact Faugcol directly through their official channels. Keep your purchase receipt as proof of purchase.

You can visit the official Faugcol store on Amazon for more products and support information: Faugcol Store

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