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Faugcol 131427

Faugcol Lawn Mower Deck Belt Instruction Manual

Model: 131427

1. Product Overview

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Faugcol Lawn Mower Deck Belt. This belt is designed for specific MTD 42" deep deck 600 series lawn tractors.



Image 1.1: The Faugcol Lawn Mower Deck Belt, a durable replacement part for lawn tractors.

Key Features:

- Replaces MTD Part Numbers: 754-0371, 754-0371A, 954-0271A, 954-0371A.
- Compatibility: Fits MTD 42" deep deck 600 series lawn tractors (excluding autodrive step-thru frame models, 1999 and newer).
- Dimensions: Width 5/8", Length 74 3/8".
- Application: Specifically designed as a deck belt for efficient power transmission to the mower deck.



Image 1.2: The Faugcol deck belt is engineered for high tensile strength and excellent wear resistance, crucial for demanding lawn mowing operations.

2. Installation (Setup)

Proper installation of the deck belt is crucial for the safe and efficient operation of your lawn tractor. Always ensure the engine is off and the spark plug wire is disconnected before beginning any maintenance or installation procedures.

2.1 Safety Precautions

- Always wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure the lawn tractor is on a flat, stable surface.
- Disconnect the spark plug wire to prevent accidental engine starting.
- Allow the engine and deck components to cool down if the mower has been recently operated.

2.2 Tools Required

- Socket wrench set
- Pliers
- Gloves
- Safety glasses

2.3 Installation Steps

1. **Prepare the Tractor:** Park the lawn tractor on a level surface, engage the parking brake, and lower the mower deck to its lowest position. Disconnect the spark plug wire.
2. **Remove Old Belt (if applicable):** Carefully observe the routing of the old belt before removal. Take photos if necessary. Release any tensioners or idler pulleys to loosen the old belt and remove it from the pulleys.
3. **Clean Pulleys:** Inspect all pulleys for wear or damage. Clean any debris, grass clippings, or rust from the pulley grooves to ensure smooth operation of the new belt.

4. **Install New Belt:** Route the new Faugcol deck belt around the engine pulley, deck pulleys, and idler pulleys according to the correct diagram for your specific MTD 600 series model. Ensure the belt is seated properly in all grooves.
5. **Tension the Belt:** Re-engage any tensioners or idler pulleys to apply proper tension to the belt. The belt should be taut but still allow for slight deflection when pressed.
6. **Verify Routing:** Double-check the belt routing against your tractor's manual or diagrams to ensure it is correct. Incorrect routing can lead to premature belt wear or improper mower operation.
7. **Reconnect Spark Plug:** Once the belt is securely installed and verified, reconnect the spark plug wire.



Image 2.1: Proper belt installation is key to improving the efficiency and performance of your lawn mower.

3. Operation

After installing the new Faugcol deck belt, it is important to perform a brief check before resuming full operation of your lawn tractor.

- **Initial Start-up:** Start the engine and engage the mower deck at a low RPM. Listen for any unusual noises, such as squealing or grinding, which may indicate improper belt tension or routing.
- **Check for Smoothness:** Observe the belt's movement. It should run smoothly and consistently without wobbling or slipping off the pulleys.
- **Test Cut:** Perform a short test cut in a safe area. Ensure the blades engage properly and the cutting performance is consistent.

If any issues are observed, immediately shut off the engine, disconnect the spark plug wire, and re-inspect the belt installation.

4. Maintenance

Regular maintenance of your Faugcol deck belt will extend its lifespan and ensure optimal performance of your lawn mower.

- **Regular Inspection:** Periodically inspect the belt for signs of wear, such as cracks, fraying, glazing, or excessive stretching. Check for any foreign objects lodged in the belt or pulleys.
- **Cleaning:** Keep the belt and pulleys free from grass clippings, dirt, and other debris. Accumulated debris can cause the belt to slip or wear prematurely.
- **Tension Check:** Ensure the belt maintains proper tension. A loose belt can slip, while an overly tight belt can put undue stress on bearings and pulleys.
- **Storage:** If storing the lawn tractor for an extended period, ensure the belt is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

- **Replacement:** Replace the belt if any significant signs of wear or damage are observed, or if performance degrades. The lifespan of a belt varies depending on usage and conditions.

5. Troubleshooting

This section addresses common issues you might encounter with your deck belt.

Problem	Possible Cause	Solution
Belt Slipping	Incorrect tension, worn belt, glazed pulleys, debris in grooves.	Adjust tension, replace belt, clean pulleys, remove debris.
Excessive Noise (Squealing/Grinding)	Misaligned pulleys, worn bearings, incorrect belt routing, debris.	Check pulley alignment, inspect bearings, verify belt routing, clean.
Premature Belt Wear	Improper tension, misaligned pulleys, worn pulleys, incorrect belt type.	Adjust tension, align pulleys, replace worn pulleys, ensure correct belt.
Mower Deck Not Engaging	Broken belt, belt off pulleys, engagement mechanism failure.	Inspect/replace belt, re-route belt, check engagement lever/cable.

6. Specifications

Detailed specifications for the Faugcol Lawn Mower Deck Belt (Model: 131427).

Specification	Detail
Product Name	Lawn Mower 42" Deck Belt
Brand	Faugcol
Model Number	131427
Replaces Part Numbers	MTD 754-0371, 754-0371A, 954-0271A, 954-0371A
Width	5/8 inches (0.63 inches)
Length	74 3/8 inches (74.38 inches)
Belt Style	Deck Belt
Compatible Devices	MTD 42" deep deck 600 series lawn tractors (except autodrive step-thru frame models, 1999 and newer)
Item Weight	0.32 Kilograms (11.22 ounces)

7. Warranty Information

Specific warranty details for the Faugcol Lawn Mower Deck Belt are not provided in this manual. For information regarding product warranty, please refer to the original product packaging, contact the seller directly, or visit the official Faugcol website.

8. Customer Support

If you require further assistance, have questions about installation, or need to report an issue, please contact the seller or manufacturer directly. When contacting support, please have your product model number (131427) and purchase details readily available.
For more information about Faugcol products, you may visit their store page:Faugcol Store on Amazon.

9. Important Note on Videos

While videos can be helpful for visual instructions, no official product videos from the seller were available in the provided data to embed in this manual. Always refer to your specific lawn tractor's service manual for detailed visual guides on belt replacement.

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