Faugcol 405143, 532405143, 584453101, 7133156, 21546607

Faugcol Lawn Mower 46-inch Deck Belt (1/2" x 106") Instruction Manual

Model: 405143, 532405143, 584453101, 7133156, 21546607

1. Product Overview

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your Faugcol 46-inch Deck Belt. This belt is designed for specific lawn mower models, ensuring efficient power transmission to the mower deck for consistent cutting performance.
The Faugcol deck belt features high tensile strength and excellent wear resistance, contributing to its durability and operational efficiency. It measures 1/2 inch in width and 106 inches in length.

Compatible Models:

- **Replaces Part Numbers:** Husqvarna: 532405143, 58445310; Ariens: 21546607; AYP: 405143, 584453101; Craftsman: 7133156
- **Fits Husqvarna Models:** 2246LS, 2346XLS, YTH20K46, YTH2146XP, YTH18K46, YTH22V46, YTH23K46, YTH2246
- **Fits AYP Models:** 46" deck (2007 models)
- **Fits Poulan Models:** PB20A46 - 96042016900 (2014-09)



Image 1.1: The Faugcol lawn mower belt, designed for reliable performance in various riding mower applications.

2. Safety Information

Always prioritize safety when working with lawn mowers and their components. Failure to follow safety precautions can result in serious injury.

- **Read Your Mower Manual:** Always consult your specific lawn mower's owner's manual for detailed safety instructions and belt replacement procedures.
- **Disconnect Power:** Before performing any maintenance or installation, ensure the mower's engine is off, the spark plug wire is disconnected, and the key is removed to prevent accidental starting.
- **Wear Protective Gear:** Use appropriate personal protective equipment, including gloves and eye protection.
- **Allow Cooling:** Let the engine and any hot components cool down before handling.
- **Secure the Mower:** If lifting the mower, ensure it is securely supported to prevent it from falling.

3. Installation Guide

Replacing a deck belt requires careful attention to detail. The following steps are general guidelines. Always refer to your specific lawn mower's service manual for precise instructions and diagrams.

Tools You May Need:

- Socket wrench set
- Pliers
- Gloves
- Safety glasses

Step-by-Step Installation:

1. **Prepare the Mower:** Park the mower on a flat, level surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire. Allow the engine to cool.
2. **Remove Mower Deck:** Depending on your mower model, you may need to remove the entire mower deck from the tractor. Consult your mower's manual for specific instructions on detaching the deck.
3. **Inspect Old Belt Path:** Before removing the old belt, take photos or draw a diagram of its routing around all pulleys. This will be crucial for correctly installing the new belt.
4. **Remove Old Belt:** Carefully remove the old, worn, or broken belt from the pulleys. This may involve releasing tensioners or idler pulleys.
5. **Clean Pulleys:** Clean any grass clippings, dirt, or debris from all pulleys and the deck area. Ensure all pulleys spin freely.
6. **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. Double-check the routing before applying tension.
7. **Tension the Belt:** Re-engage any tensioners or idler pulleys as per your mower's manual to properly tension the new belt.
8. **Reattach Mower Deck:** Reinstall the mower deck to the tractor, ensuring all connections are secure.
9. **Final Checks:** Reconnect the spark plug wire. Before starting the engine, manually rotate the blades to ensure the belt moves freely and does not bind.



Image 3.1: Illustration of a mower deck with the belt properly routed around the pulleys. This visual aid can help during installation.

Installation Video Guide:

Your browser does not support the video tag.

Video 3.1: This video demonstrates the manufacturing process and general application of Faugcol lawn mower belts, providing a visual context for the product's quality and function. While not a step-by-step installation, it offers insight into the product's design and use.

4. Operation Best Practices

Proper operation of your lawn mower can significantly extend the life of your deck belt.

- **Avoid Obstacles:** Be mindful of rocks, stumps, and other debris that can cause sudden stops or impacts, potentially damaging the belt.
- **Engage Blades Smoothly:** Engage the mower blades at a lower engine RPM and gradually increase to full throttle. Abrupt engagement can stress the belt.
- **Maintain Proper Deck Height:** Avoid cutting grass too short, especially in thick or wet conditions, as this can overload the deck and strain the belt.
- **Regular Cleaning:** Keep the mower deck clean of excessive grass clippings, which can build up around pulleys and

cause friction or slippage.

5. Maintenance

Regular inspection and maintenance will help ensure the longevity and optimal performance of your Faugcol deck belt.

- **Periodic Inspection:** Visually inspect the belt for signs of wear, cracks, fraying, glazing, or stretching before each mowing season and periodically throughout.
- **Cleanliness:** Keep the belt and pulleys free from dirt, oil, grease, and grass clippings. These can degrade the belt material and reduce its grip.
- **Proper Tension:** Ensure the belt maintains proper tension as specified in your mower's manual. A belt that is too loose can slip, and one that is too tight can cause premature wear on both the belt and pulley bearings.
- **Storage:** If storing the mower for an extended period, ensure the belt is clean and dry. Store in a cool, dry place away from direct sunlight and extreme temperatures.

6. Troubleshooting Common Issues

If you experience problems with your mower deck, the belt may be a contributing factor. Here are some common issues and potential solutions:

Symptom	Possible Cause	Solution
Belt Slipping	Loose tension, worn belt, glazed belt, debris on pulleys, incorrect belt size.	Check and adjust tension. Inspect belt for wear; replace if necessary. Clean pulleys. Ensure correct belt size.
Belt Breaking Frequently	Improper routing, worn or seized pulleys/bearings, foreign object impact, excessive load, incorrect belt type.	Verify belt routing. Inspect pulleys for damage or seizing; replace faulty components. Avoid obstacles. Do not overload mower. Ensure correct belt type.
Excessive Noise (Squealing/Grinding)	Loose belt, worn belt, misaligned pulleys, worn pulley bearings.	Check belt tension. Inspect belt for wear. Check pulley alignment. Inspect and replace worn pulley bearings.
Blades Not Engaging/Spinning	Broken belt, dislodged belt, engagement mechanism failure.	Inspect belt for breakage or if it has come off pulleys; replace or re-route. Check mower's blade engagement system.

7. Specifications

- **Brand:** Faugcol
- **Product Dimensions:** 106 inches (Length) x 0.5 inches (Width)
- **Belt Style:** Deck Belt
- **Color:** Black
- **Compatible Devices:** Lawn Mower
- **Replaces OEM Part Numbers:** AYP: 405143, 584453101; Husqvarna: 532405143, 58445310; Ariens: 21546607; Craftsman: 7133156

8. Warranty and Support

For specific warranty information, please refer to the product packaging or contact Faugcol customer service directly. This product is typically eligible for a 30-day return/replacement policy through the retailer.
For technical assistance or inquiries regarding your Faugcol deck belt, please visit the Faugcol store on Amazon or contact their customer support channels.

Faugcol Store Link: Visit Faugcol Store

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