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## **UpStart Components LM-130801-NEW-DL86**

# **UpStart Components 130801 Ground Drive Belt Instruction Manual**

Replacement Drive Belt for Poulan PO16542LT (96012008700) Lawn Tractor

## **PRODUCT OVERVIEW**

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The UpStart Components 130801 Ground Drive Belt is a high-quality replacement part designed for specific lawn tractor models, including the Poulan PO16542LT (96012008700). This belt is crucial for transmitting power from the engine to the transmission, enabling the ground drive function of your lawn tractor. It is engineered for durability and reliable performance, ensuring your equipment operates smoothly.



Image: The UpStart Components 130801 Ground Drive Belt, shown coiled, ready for installation. This belt is essential for the ground drive system of compatible lawn tractors.

## SETUP AND INSTALLATION

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Proper installation of the ground drive belt is critical for safe and effective operation of your lawn tractor. Always refer to your specific lawn tractor's service manual for detailed, model-specific instructions and safety precautions before beginning any repair or replacement.

### Safety Precautions:

- **WARNING:** Disconnect the spark plug wire and remove the ignition key to prevent accidental starting of the engine.
- Ensure the engine is cool before handling any components.
- Wear appropriate personal protective equipment, including work gloves, to protect your hands from sharp edges and pinch points.
- Work on a flat, stable surface.

### General Installation Steps:

1. Park the lawn tractor on a level surface and engage the parking brake.
2. Disconnect the spark plug wire and remove the ignition key.
3. Locate the existing ground drive belt. This typically involves removing the cutting deck and/or protective covers.
4. Carefully note the routing of the old belt around all pulleys and tensioners. Taking a photograph can be helpful.
5. Remove the old belt. This may require releasing tensioners or idler pulleys.
6. Install the new UpStart Components 130801 belt, following the exact routing of the old belt. Ensure the belt is seated correctly in all pulley grooves.
7. Re-engage any tensioners or idler pulleys.
8. Replace any covers or the cutting deck that were removed.
9. Reconnect the spark plug wire and reinsert the ignition key.
10. Test the ground drive function at a slow speed in a clear area before full operation.



Image: A close-up view of the drive belt's textured surface, highlighting its construction designed for optimal grip and durability within the pulley system.

## OPERATING PRINCIPLES

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The ground drive belt is an integral part of your lawn tractor's propulsion system. When the engine is running, the belt transfers rotational power from the engine's crankshaft pulley to the transmission pulley. This power transfer, facilitated by tensioners and idler pulleys, allows the transmission to drive the wheels, moving the tractor forward or backward. The belt's consistent tension and proper seating are crucial for efficient power transmission and smooth operation of the ground drive.

## MAINTENANCE

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Regular inspection and maintenance of your ground drive belt will extend its lifespan and ensure consistent performance of your lawn tractor.

### Inspection Schedule:

- Inspect the belt before each mowing season or every 25 hours of operation, whichever comes first.
- Perform a thorough inspection if you notice any changes in the tractor's ground drive performance.

## What to Look For:

- **Cracks or Fraying:** Small cracks on the belt's surface or fraying along the edges indicate wear and potential failure.
- **Glazing or Shininess:** A shiny or glazed appearance suggests the belt is slipping, which can lead to overheating and premature wear.
- **Stretching:** An overly stretched belt may not maintain proper tension, leading to slippage.
- **Missing Chunks or Damage:** Any missing pieces or significant damage to the belt's material necessitates immediate replacement.
- **Oil or Grease Contamination:** Oil or grease on the belt can cause slippage and degradation of the belt material. Clean immediately if found.

If any of these conditions are observed, the belt should be replaced. Ensure the pulleys are clean and free of debris, and that they spin freely without excessive wobble.



Image: A detailed view of the drive belt, displaying markings that indicate its resistance to oil and heat, crucial properties for longevity in lawn tractor applications.

## TROUBLESHOOTING

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This section addresses common issues related to the ground drive belt. Always ensure safety precautions are followed before inspecting or working on your lawn tractor.

Symptom	Possible Cause	Solution
Tractor not moving or moving slowly	Belt slipping, stretched, or broken; incorrect belt routing; seized pulley.	Inspect belt for wear/damage and replace if necessary. Verify correct belt routing. Check pulleys for free movement.
Squealing noise from belt area	Belt slipping due to wear, improper tension, or contamination (oil/grease).	Inspect belt for wear and tension. Clean belt and pulleys if contaminated. Replace belt if glazed or worn.
Belt frequently coming off pulleys	Belt stretched or worn; misaligned pulleys; damaged belt guides.	Replace worn belt. Check pulley alignment. Inspect and repair/replace belt guides.
Excessive vibration	Damaged or unevenly worn belt; bent pulley.	Inspect belt for damage and replace if necessary. Check pulleys for damage or runout.

## SPECIFICATIONS

The following specifications apply to the UpStart Components 130801 Ground Drive Belt:

- **Part Number:** 130801
- **Dimensions:** Approximately 1/2 inch (width) x 95 inches (length)
- **Material:** Designed for durability and resistance to oil and heat.
- **Compatibility:**
  - Poulan PO16542LT (96012008700) Lawn Tractor
  - Compatible with 532138255 Engine To Transmission Belt
  - Also compatible with part numbers: 138255, 160855, 532138255, 532130801, 532160855, AYP 160855, AYP 138255, AYP 532130801, AYP 532138255, AYP 130801, Husqvarna 577203116.

## WARRANTY AND SUPPORT

This product is an UpStart Components Brand replacement part. It is not an OEM (Original Equipment Manufacturer) product. All mentions of brand names or model descriptions are made strictly to illustrate compatibility. All brand names and logos are registered trademarks of their respective owners. This product is not affiliated with any brands and is not covered under any warranties offered by the original manufacturers.

Any warranties for this product are offered solely by UpStart Components. For specific warranty details or support inquiries, please refer to the official UpStart Components website or contact their customer service directly.



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Image: The UpStart Components 130801 Ground Drive Belt displayed in its retail packaging, featuring the UpStart Components logo.

