

Secura 155-96T 13AH760F615

SECURA Drive Belt Instruction Manual

FOR BLACK EDITION 155-96T 13AH760F615 LAWN TRACTORS

1. Introduction

This manual provides essential information for the installation, maintenance, and safe operation of your SECURA replacement drive belt. This belt is specifically designed for Black Edition 155-96T (model 13AH760F615) lawn tractors. Please read these instructions carefully before attempting any installation or maintenance.

2. Product Overview

The SECURA drive belt is a high-quality replacement component for the transmission system of compatible lawn tractors. It features integrated aramid tension cords for enhanced durability and wear resistance, thanks to its double aramid sheath construction. This belt is crucial for transferring power from the engine to the transmission, enabling the tractor's movement.

It is important to note that lawn tractors typically utilize two main belts: one for the transmission and one for the engine. This specific belt is intended for the transmission pulley. Always verify the correct belt type and dimensions before installation.



Figure 1: Secura V-belt for lawn tractor. This image illustrates the general appearance of the V-belt. Actual belt color may vary by manufacturer and does not affect product quality or specifications.

3. Safety Information

Always prioritize safety when working with machinery. Failure to follow safety precautions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the lawn tractor's engine is off, the spark plug wire is disconnected, and the parking brake is engaged to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including gloves and eye protection.
- **Consult Tractor Manual:** Refer to your specific lawn tractor's owner's manual for detailed safety procedures and belt replacement instructions.
- **Secure the Tractor:** Use jack stands or other stable supports if lifting the tractor to access the belt. Never rely solely on a jack.
- **Hot Surfaces:** Allow the engine and exhaust components to cool down before working near them.

4. Installation

This section outlines the general steps for replacing the transmission drive belt. Specific procedures may vary slightly depending on your tractor model. Always consult your tractor's service manual for precise instructions.

1. **Preparation:** Park the lawn tractor on a flat, level surface. Turn off the engine, remove the ignition key, disconnect the spark plug wire, and engage the parking brake.
2. **Access the Belt:** Depending on your tractor model, you may need to remove the mower deck, footrest, or other covers to gain access to the transmission and engine pulleys.

3. **Identify the Correct Belt:** As mentioned, two belts are typically present: one for the engine and one for the transmission. Ensure you are replacing the correct transmission drive belt. The product description specifies this belt drives the gears and is mounted on the transmission pulley.
4. **Relieve Tension:** Locate the belt tensioner or idler pulley. Use a wrench or lever to release the tension on the old belt.
5. **Remove Old Belt:** Carefully remove the old belt from all pulleys, noting its routing path. It can be helpful to take a photo before removal.
6. **Install New Belt:** Route the new SECURA drive belt exactly as the old one was installed. Ensure it is seated correctly in all pulley grooves.
7. **Apply Tension:** Re-engage the belt tensioner, ensuring the belt is taut but not overly tight.
8. **Reassemble:** Reinstall any covers, the footrest, or the mower deck that were removed. Reconnect the spark plug wire.
9. **Test Operation:** Start the tractor and slowly engage the transmission to ensure the belt operates smoothly without slipping or unusual noise.

Important: The length specified for this belt is the outer length. When measuring an old belt for comparison, measure its outer length in a pre-cut state for accuracy. Inner and outer dimensions can vary.

5. Operating Considerations

Once the new drive belt is correctly installed, the lawn tractor's transmission system should operate as intended. Ensure that the belt is free from obstructions and that all pulleys rotate smoothly. Avoid sudden starts or stops, which can put excessive strain on the belt and other transmission components.

6. Maintenance

Regular inspection and maintenance of your drive belt will extend its lifespan and ensure reliable operation of your lawn tractor.

- **Visual Inspection:** Periodically inspect the belt for signs of wear, cracking, fraying, glazing, or stretching. Replace the belt if any damage is observed.
- **Cleanliness:** Keep the belt and pulleys free from dirt, grass clippings, oil, and other debris that can cause premature wear or slippage.
- **Tension Check:** Ensure the belt maintains proper tension. A loose belt can slip, while an overly tight belt can cause excessive wear on pulleys and bearings. Refer to your tractor's manual for correct tension specifications.
- **Replacement Schedule:** While this belt is designed for long life, belts are wear items. Replace the belt according to your tractor manufacturer's recommendations or at the first sign of significant wear.

7. Troubleshooting

If you experience issues after installing the new drive belt, consider the following common troubleshooting steps:

- **Belt Slipping:**
 - Check belt tension; it might be too loose.
 - Inspect pulleys for wear or damage.
 - Ensure belt and pulleys are clean and free of oil/grease.
- **Unusual Noise (Squealing, Grinding):**

- Verify correct belt routing.
- Check for proper tension.
- Inspect pulleys and bearings for wear or misalignment.

- **Belt Breaking Prematurely:**

- Ensure the correct belt type and size were installed.
- Check for sharp edges or obstructions in the belt path.
- Verify pulley alignment and condition.
- Avoid overloading the tractor or sudden impacts.

If problems persist, consult a qualified service technician or refer to your lawn tractor's comprehensive service manual.

8. Specifications

Feature	Detail
Product Type	Replacement Drive Belt (Transmission)
Compatibility	Black Edition 155-96T (13AH760F615) Lawn Tractor
Belt Width	15.88 mm
Belt Type	V-belt
Cut Length (Approx.)	889 mm (Outer Length)
Material	High-quality material with integrated aramid tension cords and double aramid sheath
Year of Construction (Tractor)	2009 (for compatible tractor model)

9. Warranty and Support

For information regarding warranty coverage or technical support for your SECURA drive belt, please refer to the original purchase documentation or contact your retailer. Ensure you have your product details and purchase date available when seeking support.

This product is a high-quality replica and not an original equipment manufacturer (OEM) part, unless otherwise specified. We do not supply original replacement parts.