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Rotary 15340

Rotary Corp Auger Belt 15340 Instruction Manual

Model: 15340 | Part Number: 15340

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your Rotary Corp Auger Belt, Model 15340. This belt is designed as a replacement for MTD part number 954-05110 and is commonly used in various outdoor power equipment, particularly tractors, requiring an auger belt of 3/8" width and 26.375" length.

Please read this manual thoroughly before attempting any installation or maintenance procedures to ensure safe and efficient use of the product.

2. SAFETY INFORMATION

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before installing or replacing the belt, ensure that the equipment's engine is off and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment, including gloves and eye protection, when handling parts and working on machinery.
- **Consult Equipment Manual:** Refer to your equipment's original manufacturer manual for specific instructions regarding belt replacement and safety procedures.
- **Proper Tools:** Use only the correct tools for the job to avoid damage to the belt or equipment.
- **Inspect Components:** Before installation, inspect all pulleys, tensioners, and other related components for wear or damage. Replace any worn parts to ensure optimal belt performance and safety.

WARNING: This product can expose you to chemicals which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

3. PRODUCT OVERVIEW

The Rotary Corp Auger Belt 15340 is a durable replacement belt designed for power transmission in outdoor equipment. Its specific dimensions ensure compatibility with systems requiring a 3/8" wide and

26.375" long belt.



Figure 1: Rotary Corp Auger Belt 15340. This image displays the black rubber auger belt, which is oval-shaped and designed for power transmission in outdoor equipment.

Key Features:

- **Dimensions:** 3/8" width, 26.375" length.
- **Material:** Durable rubber compound for longevity and flexibility.
- **Compatibility:** Replaces MTD part number 954-05110.
- **Application:** Primarily for auger drive systems in compatible outdoor power equipment.

4. SETUP AND INSTALLATION

Installing the auger belt requires careful attention to detail. Always refer to your equipment's service manual for model-specific instructions.

General Installation Steps:

1. **Prepare Equipment:** Ensure the equipment is on a stable, level surface. Disconnect the spark plug wire and engage the parking brake if applicable.
2. **Access Belt Area:** Depending on your equipment, you may need to remove covers, shields, or other

components to gain access to the auger belt system.

3. **Relieve Tension:** Locate the belt tensioner or idler pulley. Use appropriate tools to relieve tension on the old belt.
4. **Remove Old Belt:** Carefully remove the old belt from the pulleys. Note its routing path for correct installation of the new belt.
5. **Inspect Pulleys:** While the belt is off, inspect all pulleys for wear, damage, or debris. Clean any accumulated dirt or rust. Replace any damaged pulleys.
6. **Install New Belt:** Route the new Rotary Corp Auger Belt 15340 exactly as the old belt was routed. Ensure it sits correctly in all pulley grooves.
7. **Apply Tension:** Reapply tension to the belt system. Check that the belt is taut but not overly tight, allowing for proper operation without excessive strain on components.
8. **Reassemble:** Reinstall any covers or shields that were removed.
9. **Test Operation:** Reconnect the spark plug wire. Start the equipment and test the auger function at a low speed in a safe, open area to ensure the belt operates smoothly and correctly.

5. OPERATING CONSIDERATIONS

Once installed, the auger belt facilitates the transfer of power from the engine to the auger mechanism. Proper operation of the equipment relies on the belt's integrity.

- **Smooth Engagement:** The belt should engage smoothly without slipping or excessive noise.
- **Avoid Overloading:** Do not overload the equipment, as this can put undue stress on the belt and other drive components, leading to premature wear or failure.
- **Regular Checks:** Periodically check the belt's tension and condition during routine equipment inspections.

6. MAINTENANCE

Regular maintenance extends the life of your auger belt and ensures optimal performance of your equipment.

Maintenance Schedule:

- **Before Each Use:** Visually inspect the belt for any obvious signs of damage, cracks, fraying, or excessive wear.
- **Every 25 Hours of Operation (or Seasonally):**
 - Check belt tension. Adjust if necessary according to your equipment's manual.
 - Inspect pulleys for alignment and smooth rotation.
 - Clean any debris from the belt and pulley area.
- **Replacement:** Replace the belt if it shows significant signs of wear, cracking, glazing, or if it frequently slips. A worn belt can lead to reduced performance and potential damage to other components.

Store replacement belts in a cool, dry place away from direct sunlight and chemicals.

7. TROUBLESHOOTING

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

- **Belt Slipping:**
 - **Cause:** Insufficient tension, worn belt, glazed pulleys, or oil/grease on the belt.
 - **Solution:** Check and adjust belt tension. Replace worn or glazed belt. Clean pulleys and belt to remove contaminants.

- **Excessive Belt Noise (Squealing/Screeching):**
 - **Cause:** Incorrect tension (too loose or too tight), misaligned pulleys, or worn belt.
 - **Solution:** Adjust belt tension. Check pulley alignment. Replace worn belt.

- **Belt Breaking Prematurely:**
 - **Cause:** Over-tensioning, misaligned pulleys, worn pulleys, foreign objects, or incorrect belt type.
 - **Solution:** Ensure correct tension. Verify pulley alignment and condition. Remove any obstructions. Confirm the correct belt model is installed.

- **Auger Not Engaging/Operating:**
 - **Cause:** Broken belt, dislodged belt, or severe slipping.
 - **Solution:** Inspect belt for breakage or displacement. Reinstall or replace as needed.

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

8. SPECIFICATIONS

Attribute	Value
Brand	Rotary
Model Number	15340
Replaces OEM Part	MTD 954-05110
Belt Width	3/8 inches (0.38")
Belt Length	26.375 inches (26.38")
Compatible Devices	Tractors (and other compatible outdoor power equipment)
Item Weight	0.12 Pounds
Manufacturer	Rotary Tool Corp

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Rotary Corp Auger Belt 15340, please refer to the original purchase documentation or contact the retailer from whom the product was purchased. Rotary products are designed for durability and performance, and support is typically provided through authorized dealers or the point of sale.

If you require further assistance or have questions not covered in this manual, please contact your equipment manufacturer or a certified service technician.

