

8TEN 810-CBL2385T

8TEN Variable Speed Belt Instruction Manual

Model: 810-CBL2385T

1. PRODUCT OVERVIEW

This manual provides instructions for the 8TEN Variable Speed Belt, designed for use in MTD White Outdoor lawn tractors. This belt is a critical component for transmitting power within the variable speed drive system of your equipment.

1.1 Product Identification

- **Brand:** 8TEN
- **Model Number:** 810-CBL2385T
- **OEM Part Numbers:** MTD 754-0441, 954-0441
- **Dimensions:** Width 1/2 inch (0.5"), Length 76 inches
- **Material:** NR Rubber, Polyester Cord, Type 1 Fabric Cotton

1.2 Compatibility

This variable speed belt is compatible with the following lawn tractor models:

- MTD 1670874, 357-882, 1628279, 1670860, TMO-3310001, 06-474951
- White Outdoor LT-145, LT-155, LT-165, LT-175 Lawn Tractors
- Yard-Man 1362694G401, 1362694G701, 1363694H401, 1363694H701, 136A694F401, 136A694F701
- Ranch King 136G699G205
- Lawn Chief 136O699G022, 136O699G722
- Agway 135G695G019, 136G695G019
- Huskee 1366693G131, 136Q699H205 Lawn Tractors



Image 1.1: The 8TEN Variable Speed V-Belt, showing its packaging and key specifications like length and width.

2. SAFETY INFORMATION

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

- Always turn off the engine and remove the spark plug wire before performing any maintenance or installation.
- Allow the engine and all moving parts to cool down completely.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Ensure the equipment is on a flat, stable surface and the parking brake is engaged.
- Refer to your lawn tractor's owner's manual for specific safety instructions and belt routing diagrams.

3. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing the variable speed belt. Specific steps may vary depending on your lawn tractor model. Always consult your equipment's service manual for detailed instructions.

3.1 Required Tools

- Socket wrench set
- Pliers
- Screwdriver set
- Gloves
- Eye protection

3.2 Preparation

1. Park the lawn tractor on a level surface.
2. Turn off the engine, remove the ignition key, and disconnect the spark plug wire.
3. Engage the parking brake.
4. Allow all components to cool down.
5. If necessary, remove the mower deck to gain better access to the drive system. Refer to your tractor's manual for deck removal.

3.3 Belt Replacement Procedure

1. Locate the old variable speed belt. It typically connects the engine pulley to the variable speed pulley and then to the transaxle pulley.
2. Carefully observe or photograph the existing belt routing to ensure correct installation of the new belt.
3. Release any tensioning idler pulleys to loosen the old belt. This may involve removing springs or bolts.
4. Remove the old belt from all pulleys.
5. Inspect all pulleys for wear, damage, or misalignment. Replace any worn components.
6. Install the new 8TEN Variable Speed Belt, following the exact routing observed earlier. Ensure the belt's label faces forward for proper orientation.



Belt should be installed
with label facing forward



Image 3.1: The 8TEN V-Belt showing the recommended installation orientation with the label facing forward.

7. Re-tension the idler pulleys and secure any springs or bolts that were removed.
8. Double-check the belt routing and ensure it is seated correctly in all pulley grooves.
9. If the mower deck was removed, reinstall it according to your tractor's manual.
10. Reconnect the spark plug wire.
11. Test the operation of the tractor at a slow speed in a clear area before full use.



Image 3.2: A close-up view of the 8TEN V-Belt's internal polyester cords, highlighting its construction for flexibility and strength.

4. OPERATING YOUR LAWN TRACTOR WITH THE NEW BELT

The variable speed belt is integral to the drive system, allowing your lawn tractor to adjust its ground speed. After installation, ensure the belt operates smoothly without slipping or unusual noises.

- Engage the drive system gradually to allow the belt to seat properly.
- Listen for any squealing, grinding, or burning smells, which could indicate improper installation or a faulty component.
- The belt is designed to provide optimal torque and maneuverability for your lawn tractor.

5. MAINTENANCE AND CARE

Regular inspection and maintenance will extend the life of your 8TEN Variable Speed Belt and ensure reliable performance of your lawn tractor.

- **Regular 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. Clean with a dry cloth or brush. Avoid using solvents that could degrade the rubber.

- **Proper Tension:** Ensure the belt maintains proper tension as specified in your tractor's service manual. Over-tensioning can cause premature wear, while under-tensioning can lead to slipping.
- **Storage:** If storing the tractor for an extended period, ensure the belt is clean and free from tension if possible, to prevent flat spots or deformation.

6. TROUBLESHOOTING COMMON ISSUES

This table provides solutions for common problems related to the variable speed belt.

Symptom	Possible Cause	Solution
Belt slipping or squealing	Incorrect tension, worn belt, oil/grease on belt, worn pulleys	Adjust tension, replace belt, clean belt/pulleys, inspect/replace pulleys
Tractor not moving or loss of power	Broken belt, severely worn belt, incorrect belt routing	Replace belt, verify routing, check for obstructions
Excessive vibration or noise	Damaged belt, misaligned pulleys, worn bearings in pulleys	Inspect/replace belt, check pulley alignment, replace worn bearings/pulleys
Belt burning smell	Belt slipping, seized pulley, excessive friction	Check tension, inspect all pulleys for free movement, replace belt if damaged

7. PRODUCT SPECIFICATIONS

Specification	Detail
Brand	8TEN
Model Number	810-CBL2385T
OEM Part Numbers	MTD 754-0441, 954-0441
Belt Style	V-Belt
Length	76 inches
Width	1/2 inch (0.5")
Material	NR Rubber, Polyester Cord, Type 1 Fabric Cotton
Compatible Devices	Ride-On Tractor
Manufacturer	Mishon Inc
UPC	803467005119
Included Components	1 Belt
Item Weight	1.6 ounces

8. WARRANTY AND CUSTOMER SUPPORT

8.1 Warranty Information

The 8TEN Variable Speed Belt comes with an 810-Day Limited Warranty. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, please contact 8TEN customer support.

8.2 Customer Support

For technical assistance, warranty inquiries, or any other questions regarding your 8TEN product, please contact:

- **Email:** Help@8TENParts.com
- **Website:** Visit the [8TEN Store on Amazon](#) for more products and information.

9. ABOUT 8TEN PARTS

8TEN Parts specializes in manufacturing and distributing high-quality replacement parts for lawn mowers and outdoor power equipment. Their products are engineered to meet or exceed original equipment specifications, focusing on durability and reliable performance.

Your browser does not support the video tag.

Video 9.1: An overview of 8TEN, highlighting their commitment to quality aftermarket lawn and garden replacement parts.