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> 8TEN LawnRAZOR Mulching Mower Blade Instruction Manual for MTD, Craftsman, Troy Bilt (Model 810-CBL2726D)

8TEN 810-CBL2726D

8TEN LawnRAZOR Mulching Mower Blade Instruction Manual

Model: 810-CBL2726D

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1. INTRODUCTION

This manual provides instructions for the proper installation, safe operation, and maintenance of your 8TEN LawnRAZOR Mulching Mower Blades. These blades are designed for specific lawn mower models to provide an efficient mulching cut. Please read this manual thoroughly before installation and use to ensure safety and optimal performance.



Figure 1: 8TEN LawnRAZOR Mulching Mower Blade



ABOUT YOUR NEW MOWER BLADE

1. Make sure you install the blade in the correct direction. Keep the sharpest edge closest to the grass.
2. Blades are powder coated for safety. As you use the blades, the coat will wear off revealing the blade's true sharpness.



Figure 2: Important Notes for New Mower Blades

2. SAFETY INFORMATION

Always prioritize safety when working with lawn mower blades. Failure to follow these safety guidelines can result in serious injury.

- **Disconnect Spark Plug:** Before performing any maintenance or blade replacement, always disconnect the spark plug wire to prevent accidental engine starting.
- **Wear Protective Gear:** Always wear heavy-duty gloves, safety glasses, and appropriate footwear when handling mower blades. Blades are sharp and can cause severe cuts.
- **Secure the Mower:** Ensure the mower is stable and cannot move or tip over during blade removal or installation. Use jack stands if lifting the mower.
- **Inspect Blades Regularly:** Check blades for damage, bends, or excessive wear before each use. Replace damaged blades immediately.
- **Keep Hands and Feet Clear:** Never place hands or feet near the blade area when the engine is running or when the spark plug is connected.
- **Proper Torque:** Ensure blade bolts are tightened to the manufacturer's specified torque settings to prevent blades from loosening during operation.

3. COMPATIBILITY

These 8TEN LawnRAZOR Mulching Mower Blades (Model 810-CBL2726D) are designed as direct replacements for the following OEM part numbers and compatible with the listed lawn mower models:

- **OEM Numbers:** Cub Cadet/MTD/Troy Bilt 742-05535, 742P05535, 490-110-M190; Craftsman CMXGZAM110190
- **Compatible MTD Models:** Columbia LT36G (13A777KY897); Yard Machines 13AC77SY000 with 42-Inch Decks
- **Compatible Craftsman Models:** T100, T85
- **Compatible Troy Bilt Models:** Pony 36 (13AC77BY066), Pony 36B (13AC77BYA66), Pony 36T (13A777BY066) with 42-Inch Decks



Figure 3: Compatible OEM Part Numbers

4. INSTALLATION

Follow these steps to safely replace your lawn mower blades. Refer to your mower's owner's manual for specific instructions related to your model.

1. **Prepare the Mower:** Ensure the engine is off and cool. Disconnect the spark plug wire to prevent accidental starting. If your mower is gas-powered, ensure the fuel tank is not full to prevent spills if tilting the mower.
2. **Access the Blades:** Tilt the mower onto its side with the carburetor and air filter facing upwards to prevent oil or fuel from leaking. Alternatively, use a mower lift or jack stands to safely elevate the mower.
3. **Remove Old Blades:** Use a block of wood to brace the blade against the mower deck to prevent it from turning. Using a wrench, loosen and remove the blade bolt. Remove the old blade and any washers or spacers. Note the orientation of the old blade for correct installation of the new one.
4. **Inspect Components:** Check the blade spindle and mounting area for any damage or debris. Clean as necessary.
5. **Install New Blades:** Position the new 8TEN LawnRAZOR blade onto the spindle, ensuring the cutting edge is facing the correct direction (sharpest edge towards the grass). The diamond-shaped center hole should align with the spindle. Reinstall any washers or spacers in their original order.
6. **Tighten Blade Bolt:** Hand-tighten the blade bolt, then use a torque wrench to tighten it to the manufacturer's specified torque setting. This is critical for safety and proper operation. Refer to your mower's manual for the exact torque specification.
7. **Reconnect Spark Plug:** Once both blades are securely installed, reconnect the spark plug wire.

Important: Always ensure the blade is installed with the cutting edge facing the direction of rotation, typically indicated by an arrow on the blade or deck.



Figure 4: Diamond Hole Blade Pattern

5. OPERATION

With your new 8TEN LawnRAZOR Mulching Mower Blades installed, follow these tips for optimal mowing performance:

- **Mow Dry Grass:** For the best mulching results, mow when the grass is dry. Wet grass tends to clump and can clog the mower deck.
- **Cut No More Than One-Third:** Avoid cutting more than one-third of the grass blade length at a time. This promotes healthier lawn growth and better mulching.
- **Vary Mowing Pattern:** Change your mowing pattern regularly to prevent matting and promote even grass growth.
- **Maintain Engine Speed:** Operate the mower at full throttle to ensure the blades spin at optimal speed for effective cutting and mulching.
- **Clear Debris:** Before mowing, clear the lawn of any sticks, stones, or other debris that could damage the blades or be thrown by the mower.

6. MAINTENANCE

Regular maintenance of your mower blades ensures safety, efficiency, and extends their lifespan.

- **Clean Blades:** After each use, clean grass clippings and debris from the blades and underside of the mower deck. This prevents buildup that can reduce mulching efficiency and cause corrosion.
- **Inspect for Damage:** Regularly check blades for nicks, bends, cracks, or excessive wear. Even minor damage can lead to an uneven cut or blade imbalance.
- **Sharpening:** Mulching blades should be kept sharp for best performance. Sharpen blades as needed, typically after 20-25 hours of use, or at the start of each mowing season. Ensure blades are balanced after sharpening to prevent mower vibration.
- **Replacement:** Replace blades if they are severely bent, cracked, or worn down to less than half their original width. Always replace blades in pairs for balanced operation.



Figure 5: Blade Cutting Edges

7. TROUBLESHOOTING

Here are some common issues related to mower blades and their potential solutions:

Problem	Possible Cause	Solution
Uneven Cut	Dull or bent blade; Incorrect blade installation; Unbalanced blade; Uneven tire pressure.	Sharpen or replace blades; Reinstall blades correctly; Balance blades; Check and adjust tire pressure.
Excessive Vibration	Bent or unbalanced blade; Loose blade bolt; Debris on blade or spindle.	Replace or balance blades; Tighten blade bolt to specifications; Clean blades and spindle area.
Poor Mulching Performance	Dull blades; Mowing wet or excessively tall grass; Low engine RPM.	Sharpen blades; Mow when grass is dry and cut less at a time; Operate mower at full throttle.

Problem	Possible Cause	Solution
Blade Not Spinning	Loose blade bolt; Obstruction; Damaged spindle or belt.	Tighten blade bolt; Remove obstruction; Inspect and replace damaged parts.

8. SPECIFICATIONS

Detailed specifications for the 8TEN LawnRAZOR Mulching Mower Blade (Model 810-CBL2726D):

- **Model Number:** 810-CBL2726D
- **Blade Length:** 18 3/16 Inches
- **Blade Width:** 2 3/8 Inches
- **Blade Thickness:** 0.136 Inches
- **Center Hole Type:** Diamond
- **Center Hole Size:** 7/8 Inches
- **Blade Type:** Mulching
- **Cutting Width (per blade):** Designed for 36-inch decks (requires two blades for a 36-inch cut, or three for a 42-inch deck depending on mower configuration).
- **Weight:** Approximately 3.2 Pounds (per 2-pack)
- **Color:** Green



Figure 6: Blade Dimensions

9. WARRANTY & SUPPORT

8TEN stands behind the quality of its products. The 8TEN LawnRAZOR Mulching Mower Blades come with an 810-Day Limited Warranty.

- **Warranty Coverage:** This warranty covers defects in material and workmanship under normal use and service. For specific terms and conditions, please refer to the official 8TEN warranty policy.
- **Claim Process:** To initiate a warranty claim or for technical support, please visit the official 8TEN website or contact their customer service department.



Figure 7: 8TEN 810-Day Limited Warranty

About 8TEN

8TEN Parts is headquartered outside of Detroit, Michigan, serving customers across North America. They specialize in manufacturing and distributing high-quality replacement parts for lawn mowers and outdoor power equipment, engineered to meet or exceed original equipment specifications.

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Video 1: 8TEN Your Aftermarket Lawn & Garden Replacement Parts Brand. This video provides an overview of the 8TEN brand and its commitment to quality aftermarket parts.