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› Stens Lawnmower Blade Instruction Manual

Stens 355-085

Stens Lawnmower Blade Instruction Manual

Model: 355-085

Brand: Stens

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use, installation, and maintenance of your Stens Lawnmower Blade, Model 355-085. This notched hi-lift blade is designed as a replacement for Exmark Lazer Z mowers, specifically requiring three blades for a 44" deck.



Figure 1: Stens Lawnmower Blade, Model 355-085. This image shows the full length of the black metal blade with a central circular hole and two notched ends.

Key Features:

- **Notched Hi-Lift Design:** Engineered to create a strong airflow for effective grass lifting and bagging.
- **Durable Construction:** Made from robust steel for longevity and consistent performance.
- **Optimal Dimensions:** Length: 15 1/4", Center hole: 5/8", Width: 2 1/2", Thickness: 0.203".
- **OEM Replacement:** Directly replaces Exmark OEM numbers: 103-2529, 103-2529-S, 1-653101, 653101.

2. SAFETY INFORMATION

Always prioritize safety when handling or installing lawnmower blades. Failure to follow safety precautions can result in serious injury.

- **Disconnect Power:** Before performing any maintenance or installation, ensure the lawnmower's spark plug wire is disconnected or the battery is removed to prevent accidental starting.

- **Wear Protective Gear:** Always wear heavy-duty gloves and eye protection when handling blades. Blades are sharp and can cause severe cuts.
- **Secure the Mower:** Tilt the mower onto its side with the carburetor facing up to prevent fuel leakage. Block the wheels to prevent movement.
- **Inspect Components:** Before installation, inspect the blade, blade adapter, and mounting hardware for any damage or wear. Replace if necessary.
- **Proper Torque:** Ensure all bolts are tightened to the manufacturer's specified torque settings to prevent the blade from loosening during operation.
- **Keep Clear:** Never place hands or feet near the blade area when the mower is running or when the blade is not securely fastened.

3. SETUP AND INSTALLATION

Follow these steps carefully to install your new Stens lawnmower blade:

1. **Prepare the Mower:** Disconnect the spark plug wire (or remove battery for electric models). Position the mower on a flat, stable surface.
2. **Access the Blade:** Carefully tilt the mower onto its side, ensuring the air filter and carburetor are facing upwards to prevent oil or fuel leaks.
3. **Secure the Blade:** Use a block of wood or a specialized blade removal tool to prevent the old blade from turning while you loosen the blade bolt.
4. **Remove Old Blade:** Using a wrench, loosen and remove the blade bolt. Carefully remove the old blade, noting its orientation.
5. **Clean Deck:** Clean any accumulated grass clippings or debris from the underside of the mower deck.
6. **Install New Blade:** Position the new Stens blade onto the blade adapter, ensuring the cutting edge faces the correct direction (usually indicated by an arrow or text on the blade, or by matching the orientation of the old blade).
7. **Tighten Bolt:** Reinstall the blade bolt and tighten it securely using a torque wrench to the mower manufacturer's specifications. Refer to your mower's manual for exact torque values.
8. **Final Check:** Ensure the blade is firmly attached and spins freely without wobbling. Reconnect the spark plug wire.

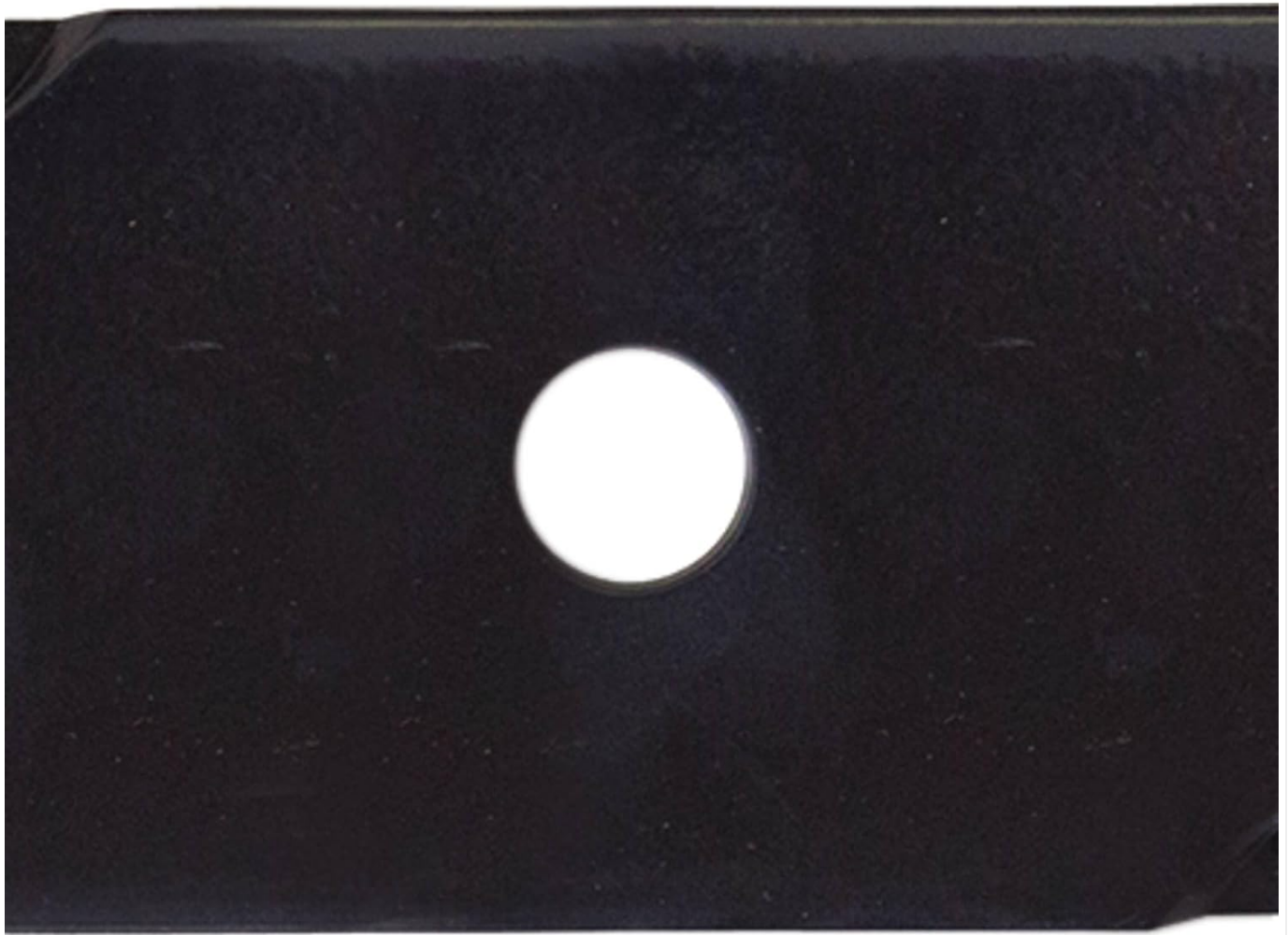


Figure 2: Close-up view of the Stens Lawnmower Blade's central mounting hole, which is circular, and the surrounding blade surface.

4. OPERATING CONSIDERATIONS

The Stens 355-085 is a notched hi-lift blade, designed for optimal performance in specific conditions:

- **Enhanced Bagging:** The hi-lift design creates a strong vacuum effect, lifting grass blades for a cleaner cut and propelling clippings efficiently into the collection bag. This is ideal for lawns where clippings are bagged.
- **Improved Airflow:** The notches and increased lift promote better airflow under the deck, which can help prevent clumping and improve overall cutting quality, especially in taller or denser grass.
- **Clean Cut:** When properly sharpened and installed, this blade provides a clean, precise cut, contributing to a healthier and more aesthetically pleasing lawn.
- **Deck Compatibility:** This blade is specifically designed for 44" decks requiring three blades, as found on compatible Exmark Lazer Z models. Ensure your mower deck matches these requirements for proper operation.

5. MAINTENANCE

Regular maintenance of your lawnmower blade ensures optimal cutting performance and extends its lifespan.

- **Sharpening:** Sharpen the blade regularly, typically after every 8-10 hours of mowing, or more frequently if you notice frayed grass tips after cutting. Use a blade sharpener or file, maintaining the original cutting angle.
- **Balancing:** After sharpening, balance the blade using a blade balancer. An unbalanced blade can cause excessive vibration, damage to the mower, and an uneven cut.
- **Cleaning:** After each use, clean grass clippings and debris from the blade and the underside of the mower deck. This prevents buildup that can hinder performance and promote rust.
- **Inspection:** Periodically inspect the blade for bends, cracks, or excessive wear. A damaged blade should be replaced immediately to prevent injury or further damage to the mower.
- **Storage:** If storing the mower for an extended period, clean and lightly oil the blade to prevent rust.

6. TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Uneven Cut / Frayed Grass	Dull or unbalanced blade; incorrect mower height.	Sharpen and balance blade; adjust mower deck height.
Excessive Vibration	Unbalanced, bent, or damaged blade; loose blade bolt.	Balance or replace blade; tighten blade bolt to specifications.
Poor Bagging Performance	Clogged deck; dull blade; incorrect blade type for bagging.	Clean deck; sharpen blade; ensure hi-lift blade is used for bagging.
Blade Not Spinning Freely	Obstruction; incorrect installation; damaged blade adapter.	Remove obstruction; re-install correctly; inspect/replace blade adapter.

7. SPECIFICATIONS

Attribute	Detail
Model Number	355-085
Blade Type	Notched Hi-Lift
Length	15 1/4 inches
Center Hole	5/8 inches
Width	2 1/2 inches
Thickness	0.203 inches
Weight	1.9 Pounds
Compatible Material	Grass, Weeds, Small Plants
Replaces OEM Numbers	Exmark: 103-2529, 103-2529-S, 1-653101, 653101
Manufacturer	Stens

8. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. Please refer to the official Stens website or contact Stens customer support for detailed warranty terms and conditions.

For further assistance or inquiries, please visit the [Stens Store on Amazon](#) or consult your product's original packaging.

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This manual is for informational purposes only. Always refer to your equipment's original manufacturer manual for specific instructions and safety guidelines.

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Example: How do I reset this device or fix this error?

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