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Stihl STIHL RM 248, Viking MB 248, 6350 702 0103

Lawn Mower Blade Instruction Manual

Brand: Stihl
Model Compatibility: STIHL RM 248, Viking MB 248
Part Number: 6350 702 0103

Product Overview

This manual provides essential information for the safe and effective installation, operation, and maintenance of your genuine Stihl replacement lawn mower blade. This blade is specifically designed for compatibility with STIHL RM 248 and Viking MB 248 lawn mower models, ensuring optimal cutting performance and durability.



This image displays the genuine Stihl lawn mower blade, designed for models such as STIHL RM 248 and Viking MB 248. It features a central circular mounting hole and two smaller oblong holes for secure attachment, ensuring proper alignment and efficient cutting.

Setup and Installation

Proper installation of the lawn mower blade is crucial for safety and performance. Always follow these steps carefully.

Safety Precautions:

- **Disconnect the spark plug wire:** Before performing any maintenance or installation, always disconnect the spark plug wire to prevent accidental engine starting.
- **Wear protective gloves:** The blade edges are sharp. Wear heavy-duty work gloves to protect your hands.
- **Ensure stability:** Tilt the mower onto its side with the carburetor facing upwards to prevent fuel leakage. Ensure the mower is stable and cannot tip over.

Tools Required:

- Wrench (appropriate size for blade bolt)
- Block of wood or blade removal tool (to prevent blade rotation)
- Protective gloves

Installation Steps:

1. **Remove the old blade:** Secure the blade with a block of wood against the mower deck or use a blade removal tool.

Use the wrench to loosen and remove the blade bolt. Carefully remove the old blade, noting its orientation.

2. **Clean the blade mounting area:** Remove any grass clippings or debris from the blade mounting surface on the mower shaft.
3. **Install the new blade:** Position the new blade with the cutting edges facing the correct direction (usually indicated by an arrow or a curved edge pointing upwards towards the mower deck). Align the central hole and any smaller alignment holes with the corresponding pins or features on the mower shaft.
4. **Secure the blade:** Reinstall the blade bolt and washer. Tighten the bolt securely using the wrench, ensuring the blade is firmly seated and does not wobble. Refer to your mower's specific manual for torque specifications if available.
5. **Check for balance:** After installation, it is recommended to check the blade for balance. An unbalanced blade can cause excessive vibration and damage to the mower. If you have a blade balancer, use it. If not, ensure the blade spins freely without noticeable wobble.
6. **Reconnect spark plug:** Once the blade is securely installed, reconnect the spark plug wire.

Operating Considerations

While this manual focuses on the blade, proper mowing practices contribute to the blade's longevity and cutting effectiveness.

- **Mow dry grass:** Mowing wet grass can clog the deck and put extra strain on the blade and engine.
- **Avoid obstacles:** Be mindful of rocks, roots, and other debris that can damage the blade.
- **Regular height adjustment:** Adjust your mower's cutting height according to grass conditions and desired lawn appearance.

Maintenance

Regular maintenance of your lawn mower blade ensures optimal performance and extends its lifespan.

- **Cleaning:** After each use, especially when mowing damp grass, clean the underside of the mower deck and the blade to remove accumulated grass clippings. This prevents corrosion and maintains balance.
- **Sharpening:** A sharp blade provides a clean cut, which is healthier for your lawn. Sharpen the blade regularly, typically after every 20-25 hours of use, or at the first sign of frayed grass tips after mowing. Use a file or grinding wheel, maintaining the original blade angle. Always re-balance the blade after sharpening.
- **Inspection:** Periodically inspect the blade for signs of wear, cracks, bends, or excessive nicks. A severely damaged or bent blade must be replaced immediately to prevent injury and damage to the mower.
- **Replacement:** Even with regular sharpening, blades wear down over time. Replace the blade if it becomes too thin, severely damaged, or cannot be balanced properly. The replacement frequency depends on usage and mowing conditions.

Troubleshooting

If you encounter issues related to your lawn mower blade, consider the following common problems and solutions.

Problem	Possible Cause	Solution
Uneven Cut / Frayed Grass Tips	Dull blade; Bent blade; Unbalanced blade	Sharpen or replace the blade; Inspect for bends and replace if necessary; Re-balance the blade.

Problem	Possible Cause	Solution
Excessive Mower Vibration	Unbalanced blade; Bent blade; Loose blade bolt	Re-balance the blade; Replace bent blade; Tighten blade bolt securely.
Poor Mulching Performance	Dull blade; Incorrect blade type (if applicable)	Sharpen the blade; Ensure you are using the correct blade type for mulching (this blade is a standard cutting blade).

Specifications

Attribute	Detail
Product Type	Lawn Mower Replacement Blade
Brand	Stihl
Compatible Models	STIHL RM 248, Viking MB 248
Part Number	6350 702 0103
Cutting Width	46 cm
Manufacturer	STIHL
Item Weight	1.32 pounds (approx. 0.6 kg)
Package Dimensions	19.88 x 5.08 x 2.17 inches (approx. 50.5 x 12.9 x 5.5 cm)
ASIN	B086XG5B81
Date First Available	April 28, 2024

Warranty and Support

For specific warranty information, return policies, or technical support regarding this Stihl lawn mower blade, please refer to the official documentation provided by Stihl or the authorized retailer where the product was purchased. You may also visit the official Stihl website for further assistance.
For general product inquiries, you can often find helpful resources on theStihl official website.

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