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LIZEWEI LZWGW-211

LIZEWEI GW-2111 Horse Tiller Reverse Disc (3 3/4") Instruction Manual

Model: LZWGW-211 | Brand: LIZEWEI

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your LIZEWEI GW-2111 Horse Tiller Reverse Disc. This component is designed as a direct replacement for original parts in MTD and Troy-Bilt tillers manufactured since 1989. Please read these instructions carefully before use to ensure safe and efficient operation.

2. PRODUCT OVERVIEW & FEATURES

The LIZEWEI GW-2111 Horse Tiller Reverse Disc is a crucial component for the reverse function of compatible tillers. It is engineered for durability and reliable performance.

Product parameter

Product dimensions are
measured manually
The actual object prevails

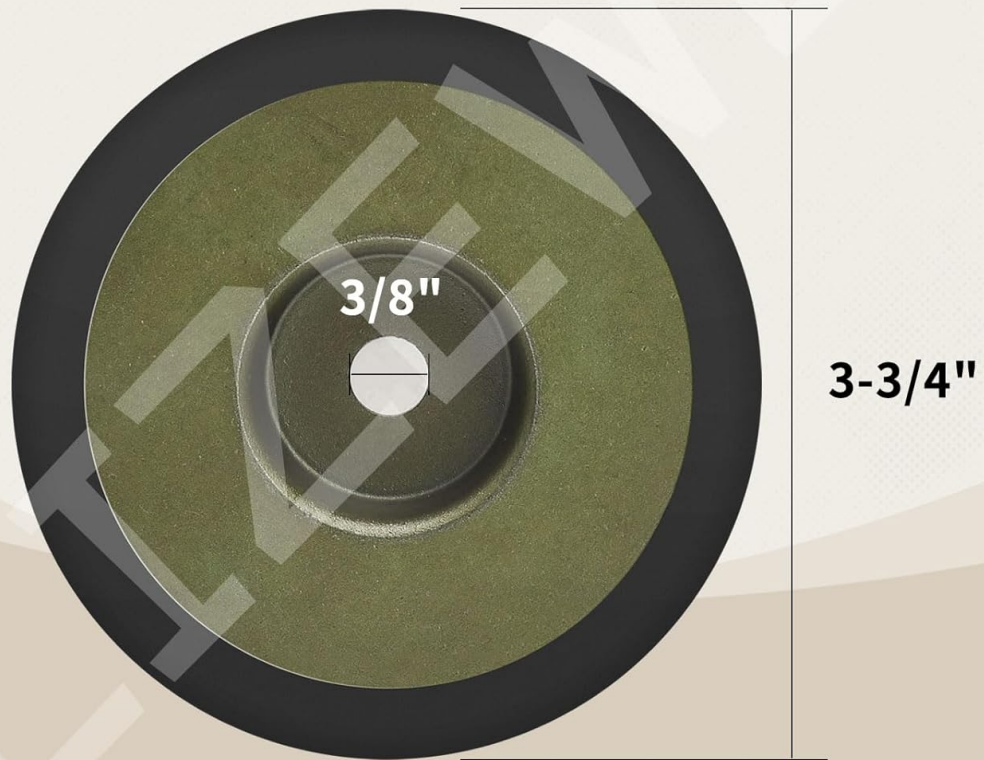



Figure 2.1: Product dimensions of the reverse disc. The disc has a 3/8 inch center hole and an overall diameter of 3-3/4 inches.

Product Information: Product included 1 X Horse Tiller Reverse Disc, Please refer to the pictures for product specific size information.



Detailed display one



Detailed display two



Detailed display three



Figure 2.2: Detailed view of the reverse disc, highlighting its construction.



PLEASE NOTE

Do not forcefully maneuver the tiller during operation as this may damage any counterweight plates

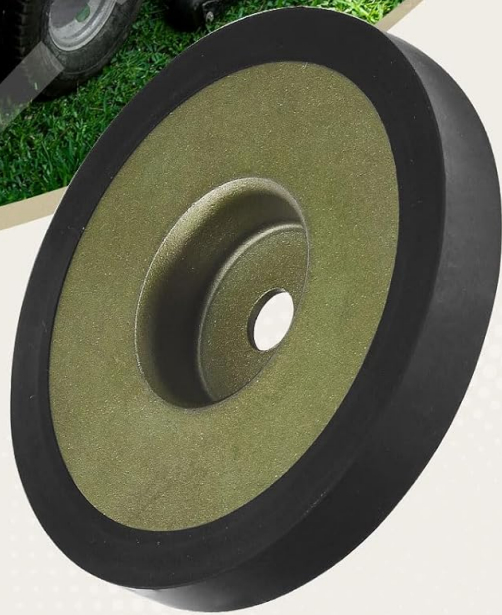


Figure 2.3: Material Introduction. The disc is made from high-quality, sturdy, and durable materials, designed for easy installation and subjected to strict screening.

The disc features high temperature and friction resistance, enabling it to withstand the high-intensity friction encountered during frequent reversal operations. It is constructed from alloy steel and cast iron, ensuring longevity and consistent performance.

Your browser does not support the video tag.

Video 2.1: An overview of the Horse Tiller Reverse Disc, demonstrating its physical characteristics and material quality.

3. COMPATIBILITY

This reverse disc is compatible with various MTD and Troy-Bilt tiller models manufactured since 1989. It replaces the following part numbers:

- GW-2111
- GW-1485
- GW-1919
- GW-2732
- 756-04171
- 88174

Compatible Troy-Bilt models include, but are not limited to:

- 21AE682L063 (2003)
- 21A-682J766 (2009)
- 21AE682L766 (2009)
- 21A-682P766 (2010)
- 21AE682L766 (2010)
- 21A-682P766 (2011)
- 21AE682L766 (2011)
- 21A-682P766 (2012)
- 21AE682L766 (2012)
- 12075, 12089 (120890100101), 0360 (D0000001)
- 12055 (120550100101-UP)
- 12056 (120560100101-UP)
- 12057 (120570100101-UP)
- 12058 (120580100101-UP)
- 12059 (120590100101-UP)
- 12064 (120640100101-UP)
- 12068 (120680100101-UP)
- 12069 (120690100101-UP)
- 12070 (120700100101-UP) Models
- 12071 (120710100101-UP)
- 12074 (120740100101-120740100150)
- 12075 (120750100101-120750100450)
- 12080 (120800100101-UP)
- 12081 (120810100101-UP)
- 12082 (120820100101-UP) Models
- 12083 (120830100101-UP)
- 12087 (120870100101-UP)
- 12087C (120870100101-UP)
- 12088 (120880100101-UP)
- 12088C (120880100101-UP)
- 12089 (120890100101-UP)
- 12089C (120890100101-UP)
- 12090 (120900100101-UP)
- 12090 (120901100101-UP)
- 12090C (120900100101-UP)
- 12153 -Opc Roto
- 2215-2228 Models



MULTIPLE COMPATIBLE MODELS

Compatible with Troy-Bilt 21AE682L063 (2003), 21A-682J766 (2009)
21AE682L766 (2009), 21A-682P766 (2010)
21A-682P766 (2011), 21AE682L766 (2011), 21A-682P766 (2012)

Figure 3.1: The reverse disc is compatible with multiple tiller models.

4. INSTALLATION GUIDELINES

While specific installation steps may vary depending on your tiller model, the LIZEWEI GW-2111 reverse disc is designed for straightforward replacement. Always refer to your tiller's original service manual for detailed, model-specific instructions.

1. **Safety First:** Ensure the tiller is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.
2. **Access the Component:** Locate the existing reverse disc assembly on your tiller. This may require removing covers or other components.
3. **Remove Old Disc:** Carefully remove the worn or damaged reverse disc. Note the orientation and any associated hardware.
4. **Install New Disc:** Position the new LIZEWEI GW-2111 reverse disc in the same orientation as the old one. Secure it with the appropriate fasteners.
5. **Reassemble:** Reattach any covers or components that were removed during the process.
6. **Test Functionality:** After installation, reconnect the spark plug wire and test the reverse function of your tiller in a safe, open area before full operation.

5. OPERATION GUIDELINES

The reverse disc facilitates the reverse movement of your tiller. Operate your tiller according to its original manufacturer's instructions.

PLEASE NOTE: Do not manipulate the tiller with excessive force during operation, especially when engaging reverse. Applying undue force can damage the reverse disc or other components of the tiller's drive system.



Figure 5.1: Proper operation of a tiller with the reverse disc installed.

6. SAFETY INFORMATION

Always operate the machine carefully and be aware of potential hazards. Wear appropriate personal protective equipment (PPE) such as safety glasses, gloves, and sturdy footwear. Keep bystanders, especially children and pets, away from the operating area. Ensure all guards and safety features on your tiller are in place and functioning correctly before operation.

7. SPECIFICATIONS

Attribute	Value
Brand	LIZEWEI
Model Number	LZGW-211
Color	YELLOW
Power Source	Gas Powered (for compatible tillers)
Material	Alloy Steel, Cast Iron
Item Weight	0.15 Kilograms (approx. 5.3 ounces)
Operation Mode	Manual (for disc engagement)
Product Dimensions	0.5 x 0.5 x 1 inches (packaging/shipping dimensions, actual disc is 3-3/4" diameter)

8. MAINTENANCE

Regular inspection of the reverse disc for wear, cracks, or damage is recommended. Replace the disc if any signs of significant wear or damage are observed to maintain optimal tiller performance and safety. Keep the area around the disc clean and free of debris. No specific lubrication or other maintenance procedures for the disc itself are provided in the product information; refer to your tiller's manual for overall maintenance schedules.

9. TROUBLESHOOTING

If your tiller's reverse function is not operating correctly after installing this disc, consider the following:

- **Incorrect Installation:** Double-check that the disc was installed correctly and all fasteners are secure.
- **Adjustment Issues:** Some tillers may require adjustment of the reverse mechanism after disc replacement. Consult your tiller's service manual for adjustment procedures.
- **Other Component Failure:** The issue might not be with the disc itself but with other parts of the reverse drive system, such as belts, cables, or linkages. Inspect these components for wear or damage.
- **Improper Fit:** Ensure the disc is the correct replacement part for your specific tiller model. Refer to the compatibility list in Section 3.

If problems persist, it is advisable to consult a qualified service technician.

10. WARRANTY & SUPPORT

Specific warranty and support information for the LIZEWEI GW-2111 Horse Tiller Reverse Disc is not provided in the available product data. For inquiries regarding warranty or technical support, please contact the seller or manufacturer directly through their official channels.