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Single Cylinder Repair 50TX, 60TX-30-900

Instruction Manual

VERMEER STUMP GRINDER TEETH 50TX, 60TX GREEN TEETH SET OF (30) SERIES 900

Model: 50TX, 60TX-30-900

Brand: Single Cylinder Repair

INTRODUCTION

This manual provides essential information for the proper use, installation, and maintenance of your Vermeer Stump Grinder Teeth. These genuine OEM teeth are designed for Vermeer 50TX and 60TX stump grinders, offering reliable performance and extended life.

Each tooth can be turned twice, providing a total of three new cutting surfaces, which significantly extends the lifespan and efficiency of your grinding operations. They are manufactured to the same specifications as the teeth originally supplied with your Vermeer stump grinder.

Key Features:

- Genuine OEM Teeth
- Very easy to replace or turn, saving time
- Can be turned for new cutting surfaces (up to three per tooth)
- Made in the USA

PRODUCT OVERVIEW



Figure 1: A set of 30 Vermeer stump grinder teeth. These are genuine replacement teeth designed for optimal performance and durability in stump grinding applications. Each tooth features a robust design with a bolt and nut for secure attachment to the grinder wheel.



Figure 2: The product packaging from Single Cylinder Repair. This box contains the Vermeer stump grinder teeth, ensuring they are delivered securely and ready for use. The label confirms the brand and product origin.

SETUP AND INSTALLATION

Before beginning installation, ensure the stump grinder is turned off, the engine is cool, and all safety precautions outlined in your stump grinder's main operating manual are followed. Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.

1. **Preparation:** Park the stump grinder on a level surface and engage the parking brake. Turn off the engine and remove the ignition key to prevent accidental startup.
2. **Access the Grinder Wheel:** Depending on your specific Vermeer model (50TX, 60TX), you may need to remove a protective cover to access the grinder wheel and existing teeth.
3. **Remove Old Teeth:** Use appropriate wrenches to loosen and remove the nuts and bolts securing the worn teeth. Carefully remove the old teeth from their pockets. Dispose of worn teeth responsibly.
4. **Inspect Pockets:** Clean any debris or buildup from the tooth pockets on the grinder wheel. Ensure the pockets are free of damage.
5. **Install New Teeth:** Insert a new Vermeer Green Tooth into each pocket. Ensure the tooth is seated correctly. The tooth is designed to be reversible, allowing for multiple cutting edges.
6. **Secure Teeth:** Place the washer and nut onto the bolt and tighten securely. Refer to your stump grinder's manual for specific torque specifications, if available. Ensure all teeth are firmly attached before operation.
7. **Final Check:** Once all teeth are installed, rotate the grinder wheel manually (with power off) to ensure there is no interference and all teeth are properly aligned. Reinstall any protective covers removed earlier.

OPERATING CONSIDERATIONS

These teeth are designed for efficient stump grinding. Proper operation of your Vermeer stump grinder, combined with sharp teeth, will yield the best results.

- **Initial Use:** After installing new teeth, perform a brief test run in a clear area to ensure everything is functioning correctly.
- **Turning Teeth:** When a cutting edge becomes dull, you can rotate the tooth to expose a fresh, sharp edge. Each tooth offers three distinct cutting surfaces. To turn a tooth, follow the "Remove Old Teeth" and "Install New Teeth" steps from the Setup section, simply rotating the existing tooth to a new position. This process significantly extends the life of each tooth.
- **Optimal Performance:** Regularly inspect your teeth for wear. Operating with dull or damaged teeth can reduce efficiency, increase fuel consumption, and put undue stress on your stump grinder.

MAINTENANCE

Regular maintenance of your stump grinder teeth is crucial for safety, efficiency, and longevity.

- **Daily Inspection:** Before each use, visually inspect all teeth for signs of wear, chipping, cracking, or looseness. Ensure all nuts and bolts are tight.
- **Cleaning:** After use, clean any debris, wood chips, or dirt from around the teeth and the grinder wheel. This prevents buildup that could affect performance or cause premature wear.
- **Tooth Rotation:** As mentioned in the Operating section, rotate teeth to expose new cutting surfaces as soon as the current edge shows signs of significant wear. This maintains cutting efficiency and extends the overall life of the set.
- **Replacement:** Replace teeth that are severely worn, chipped, or cracked, even if they have unused cutting surfaces. Damaged teeth can be dangerous and reduce grinding effectiveness.
- **Storage:** Store spare teeth in a dry, clean environment to prevent corrosion.

TROUBLESHOOTING

This section addresses common issues you might encounter with your stump grinder teeth.

Problem	Possible Cause	Solution
Reduced Grinding Efficiency	Dull or worn teeth.	Rotate teeth to expose a new cutting surface or replace severely worn teeth.
Excessive Vibration	Loose or damaged teeth; unbalanced wheel due to missing teeth.	Check all teeth for tightness. Replace any damaged or missing teeth immediately.
Teeth Breaking/Chipping Prematurely	Impact with foreign objects (rocks, metal); improper installation; excessive force during grinding.	Inspect grinding area for obstructions. Ensure teeth are installed correctly and tightened to specifications. Adjust grinding technique to avoid excessive impact. Replace broken teeth.
Difficulty Turning Teeth	Debris buildup in tooth pocket; corrosion.	Clean tooth pockets thoroughly before installation or rotation. Apply a penetrating lubricant if corrosion is present.

SPECIFICATIONS

Attribute	Detail
Product Name	Vermeer Stump Grinder Teeth
Compatible Models	Vermeer 50TX, 60TX Stump Grinders
Series	900 series wearsharp
Quantity per Set	30 teeth
Manufacturer	Green Teeth
Part Number	50TX, 60TX-30-900
Product Dimensions	Approximately 3 x 1 x 1 inches (per tooth)
Color	Gray
Origin	Made in the USA

WARRANTY AND SUPPORT

These Vermeer Stump Grinder Teeth are genuine OEM parts, manufactured by Green Teeth and supplied by Single Cylinder Repair. For specific warranty information regarding manufacturing defects or material issues, please refer to the original manufacturer's documentation or contact Single Cylinder Repair directly.

As a small business, Single Cylinder Repair is committed to providing quality products. For any questions regarding installation, operation, or product compatibility, please reach out to the seller or manufacturer for assistance.

Contact Information: Please refer to your purchase documentation or the seller's information on the platform where the product was acquired for direct support contact details.