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Briggs & Stratton 703553

Briggs & Stratton 703553 Spur Gear Instruction Manual

Genuine OEM Replacement Part

Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Briggs & Stratton 703553 Spur Gear. Please read these instructions carefully before proceeding with installation or use to ensure safe and efficient performance of your equipment.
The Briggs & Stratton 703553 is a genuine OEM (Original Equipment Manufacturer) replacement part, designed to meet the exact specifications of your Briggs & Stratton equipment.

Product Overview

The Briggs & Stratton 703553 is a 14-tooth (14T) left-hand (LH) spur gear. This component is critical for transmitting power within your equipment's drive system, typically found in lawn mowers or other outdoor power tools. Its precise design ensures proper engagement and reliable operation.



Image: The Briggs & Stratton 703553 14T LH Spur Gear, a genuine OEM replacement part.

Setup and Installation

Proper installation is crucial for the longevity and performance of the spur gear. Always refer to your equipment's specific service manual for detailed, model-specific instructions.

1. **Safety First:** Ensure the equipment is turned off, spark plug wire is disconnected (for gasoline engines), and all moving parts have come to a complete stop. Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
2. **Access the Gear Assembly:** Locate the gear assembly where the spur gear needs to be replaced. This may involve removing covers, wheels, or other components.
3. **Remove Old Gear:** Carefully remove the worn or damaged spur gear. Note its orientation and any associated washers, spacers, or retaining clips.
4. **Inspect Components:** Before installing the new gear, inspect mating components (shafts, bearings, other gears) for wear or damage. Replace any other worn parts as necessary.
5. **Install New Gear:** Position the new Briggs & Stratton 703553 spur gear onto the shaft, ensuring it is correctly oriented (left-hand) and fully seated. Reinstall any retaining clips, washers, or spacers.
6. **Lubrication:** Apply appropriate grease or lubricant to the gear teeth and shaft as recommended by your equipment's service manual.
7. **Reassemble:** Reinstall all covers and components removed during disassembly. Ensure all fasteners are tightened to the manufacturer's specifications.

Operating Considerations

Once installed, the spur gear operates as part of the equipment's drive system. No specific user operation is required for the gear itself beyond ensuring the equipment is used according to its primary operating instructions.

- Ensure the equipment is operated within its intended load and speed limits.
- Avoid sudden impacts or excessive force that could damage the gear teeth or shaft.

Maintenance

Regular inspection and maintenance will extend the life of your spur gear and the equipment it operates within.

- **Periodic Inspection:** Visually inspect the gear teeth for signs of wear, chipping, or breakage during routine equipment maintenance.
- **Lubrication:** Re-lubricate the gear and associated bearings as recommended by your equipment's service schedule. Use only lubricants specified by the manufacturer.
- **Cleanliness:** Keep the gear assembly free from dirt, debris, and foreign objects that can cause premature wear.

Troubleshooting

If you experience issues with your equipment after replacing the spur gear, consider the following common problems:

- **Unusual Noise (Grinding, Clicking):** This may indicate improper gear engagement, insufficient lubrication, or damage to the gear teeth or mating components. Re-inspect installation and lubrication.
- **Loss of Drive/Power Transmission:** The gear may not be fully seated, or a retaining component might be loose or missing. Check for proper installation and securement.
- **Excessive Vibration:** Could be caused by an improperly installed gear, a bent shaft, or damage to other rotating components.

If troubleshooting steps do not resolve the issue, consult your equipment's service manual or contact a qualified service technician.

Specifications

Attribute	Value
Part Number	703553
Manufacturer	Briggs & Stratton
Item Weight	3.68 ounces
Item Package Quantity	1
Batteries Required?	No
ASIN	B01AFB08OG
Date First Available	December 17, 2023

Safety Information

WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov
This product, or its components, may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Always handle with care and follow all safety guidelines provided with your equipment.

- Always wear appropriate personal protective equipment (PPE) when handling parts or operating machinery.
- Ensure the equipment is completely powered off and secured before performing any maintenance or part replacement.
- Keep children and bystanders away from the work area.

Warranty and Support

As a genuine OEM Briggs & Stratton part, this product is covered by the manufacturer's standard warranty. For specific warranty details, claims, or technical support, please contact Briggs & Stratton directly or refer to the warranty information provided with your original equipment.
You can visit the official Briggs & Stratton website or contact their customer service for assistance.
For more information, visit the Briggs & Stratton Store on Amazon.

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