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› [Billy Goat](#) /

› [Billy Goat 500119 Belt Gates Power Rated Instruction Manual](#)

Billy Goat 500119

Billy Goat 500119 Belt Gates Power Rated Instruction Manual

Model: 500119

INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and care of your Billy Goat 500119 Transmission Drive Belt. This high-performance original equipment manufacturer (OEM) replacement part is designed to ensure the continued optimal operation of compatible Billy Goat lawn mowers and outdoor power tools. Adhering to the guidelines in this manual will help extend the life of your belt and maintain the efficiency of your equipment.

INSTALLATION GUIDE

Proper installation of the Billy Goat 500119 Transmission Drive Belt is critical for safe and efficient operation. Always refer to your specific equipment's owner's manual for detailed, model-specific instructions and diagrams before proceeding. The following steps provide a general overview.

Safety Precautions

- **Disconnect Power:** Ensure the equipment is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting.
- **Wear Protective Gear:** Use gloves and eye protection.
- **Stabilize Equipment:** Securely block or support the equipment to prevent movement during installation.

Installation Steps

1. **Access the Belt Area:** Depending on your model, this may involve removing guards, covers, or wheels.
2. **Remove Old Belt:** Carefully disengage the old belt from pulleys and tensioners. Note its routing for reference.
3. **Inspect Pulleys:** Check pulleys for wear, damage, or debris. Clean as necessary.
4. **Install New Belt:** Route the new Billy Goat 500119 belt around the pulleys according to the equipment's diagram. Ensure it sits correctly in all grooves.
5. **Adjust Tension:** If applicable, adjust belt tension according to your equipment's manual. The belt should be snug but not overly tight.
6. **Reassemble:** Reattach any removed guards, covers, or components.

7. **Test Operation:** Reconnect the spark plug wire and carefully test the equipment in a safe area to ensure the belt operates smoothly.



Image: The Billy Goat 500119 Transmission Drive Belt, a black, circular belt designed for power transmission in compatible equipment.

OPERATION CONSIDERATIONS

Once the Billy Goat 500119 Transmission Drive Belt is installed, its proper function is integral to the operation of your equipment. The belt transmits power from the engine to the drive system or other components.

- **Smooth Engagement:** After installation, ensure that the drive system engages smoothly without excessive jerking or slipping.
- **Consistent Power Transfer:** The equipment should maintain consistent power output to the driven components (e.g., wheels, blades) without loss of power or unusual noises.
- **Check for Alignment:** Periodically check that the belt remains properly seated in the pulley grooves and that there is no excessive wobble or misalignment during operation.

If you notice any unusual noises, vibrations, or a decrease in performance after belt replacement, immediately shut down the equipment and inspect the belt and pulley system.

MAINTENANCE

Regular inspection and maintenance of your Billy Goat 500119 Transmission Drive Belt will prolong its lifespan and ensure reliable performance of your equipment.

- **Routine Inspection:** Before each use, visually inspect the belt for signs of wear, cracks, fraying, glazing, or stretching.
- **Cleanliness:** Keep the belt and pulley areas free from dirt, grass clippings, oil, and other debris that can cause premature wear or slipping.
- **Tension Check:** Periodically check the belt tension as specified in your equipment's owner's manual. Incorrect tension can lead to slipping or excessive wear.
- **Storage:** When storing equipment for extended periods, ensure the belt is not under tension if possible, and store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Replacement Schedule:** Replace the belt if it shows significant signs of wear or damage, or if it no longer provides adequate power transmission. Refer to your equipment's manual for recommended replacement intervals.

TROUBLESHOOTING

If you experience issues with your equipment's drive system after installing or during the use of the Billy Goat 500119 Transmission Drive Belt, consider the following common troubleshooting steps:

Problem	Possible Cause	Solution
Belt Slipping	Incorrect tension, worn belt, glazed pulleys, oil/grease on belt.	Adjust tension, replace belt, clean pulleys, degrease belt/pulleys.
Excessive Noise (Squealing/Grinding)	Misaligned pulleys, worn bearings, incorrect belt type, debris.	Check pulley alignment, inspect bearings, ensure correct belt, remove debris.
Belt Breaking Prematurely	Over-tensioning, worn pulleys, foreign objects, incorrect belt.	Adjust tension, inspect/replace pulleys, clear obstructions, verify belt part number.
Loss of Drive/Power	Belt broken, severely stretched, or dislodged from pulleys.	Inspect belt, re-route if dislodged, replace if broken or stretched.

If problems persist after attempting these solutions, consult a qualified service technician or refer to your equipment's comprehensive service manual.

SPECIFICATIONS

The Billy Goat 500119 Transmission Drive Belt is an Original Equipment Manufacturer (OEM) replacement part designed for specific Billy Goat models.

Part Number: 500119

Type: Transmission Drive Belt

Length: Approximately 26.5 inches

Compatible Models: BC2402H, BC2402HE, FZ1300H, FZ1301H

Manufacturer: Billy Goat

Package Dimensions: 11.5 x 4 x 0.04 inches

Item Weight: 0.2 Lb

WARRANTY INFORMATION

As an Original Equipment Manufacturer (OEM) part, the Billy Goat 500119 Transmission Drive Belt is typically covered by the manufacturer's standard warranty for replacement parts. Specific warranty terms and conditions may vary. Please retain your proof of purchase. For detailed warranty information, refer to the documentation provided with your original Billy Goat equipment or contact Billy Goat customer support directly.

CUSTOMER SUPPORT

For further assistance, technical support, or inquiries regarding the Billy Goat 500119 Transmission Drive Belt, please contact Billy Goat customer service or visit their official website.

Official Website: www.billygoat.com

Contact Information: Refer to the "Contact Us" section on the official Billy Goat website for phone numbers or email support.