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Exmark 32103-22

Instruction Manual

Toro Nut-Wing Part # 32103-22

Model: 32103-22 | Brand: Exmark

Introduction

This manual provides essential information for the installation, operation, and maintenance of the Exmark/Toro Nut-Wing, Part # 32103-22. This component is a genuine OEM replacement part designed for specific Exmark, Hayter, and Toro equipment models. Proper installation and maintenance are crucial for optimal performance and longevity of your machinery.

Product Overview



This image displays the Toro Nut-Wing, Part # 32103-22. It is a small, metallic component, likely a fastener, designed for specific lawn and garden equipment.

The Nut-Wing, Part # 32103-22, is a critical fastening component used in various Exmark, Hayter, and Toro lawn and garden equipment. It is designed to secure specific parts, ensuring stable and safe operation of the machinery. This part replaces the prior MPN 116497.

Compatibility

This Nut-Wing (Part # 32103-22) is compatible with a wide range of equipment models. Always refer to your original equipment owner's manual to verify compatibility before installation.

Compatible Exmark Models:

- Quest 42
- Quest E-Series (34, 42, 50, 54)
- Quest S-Series (34, 42, 50, 54, 60)

Compatible Hayter Models:

- Recycling RT380H
- RZT420H

Compatible Toro Models:

- 10-32 Front Engine, 10-32 Rear Engine
- 11-32 Front Engine, 11-32 Rear Engine, 11-42 Front Engine, 11-44
- 12-32 Rear Engine
- 7-25 Rear Engine, 8-25 Rear Engine, 8-32 Front Engine, 8-32 Rear Engine
- Carefree Electric 16, Electric Start 12hp 32, Electric Start 12hp 38
- Front Engine 11hp 32, Front Engine 8hp 32
- GroundsMaster (117, 120, 44)
- HMR-1200 38, HMR-1600
- Pro 11-38, Pro 11-44, Pro 12-44
- Professional 11-32 Rear Engine, Professional 8-32 Rear Engine
- ProLine (118, 120, 616-Z, 620-Z, 724-Z)
- Rear Discharge 52
- TimeCutter (34, 42, 4200, 4200C, 4225, 4275C, 5000, 5000C, 5475C, 60, 6000)
- TimeCutter MX (3450, 4200, 4250, 4260, 4275, 4275T, 5000, 5025, 5050, 5060, 5075, 5075T, 5475, 6050)
- TimeCutter MyRide (42, 50)
- TimeCutter SS (3200, 3216, 3225, 4200, 4216, 4225, 4235, 4250, 4260)

Setup and Installation

The Nut-Wing is typically used to secure components on the deck or other parts of the equipment. Installation procedures may vary slightly depending on the specific model and application. Always consult your equipment's service manual for detailed, model-specific instructions.

1. **Safety First:** Ensure the equipment is turned off, cooled down, and disconnected from any power source (e.g., spark plug wire removed for gasoline engines) before beginning any work.
2. **Identify Location:** Locate the area where the Nut-Wing needs to be installed or replaced. This is often on the mower deck, securing covers, baffles, or other attachments.

3. **Remove Old Part (if applicable):** If replacing an existing Nut-Wing, carefully remove the old part. Note its orientation and how it was secured.
4. **Position New Part:** Place the new Nut-Wing (Part # 32103-22) into its designated position.
5. **Secure:** Hand-tighten the Nut-Wing until it is snug. Avoid over-tightening, which can strip threads or damage components. The wing design allows for easy hand-tightening and removal without tools in many applications.
6. **Verify:** Ensure the component secured by the Nut-Wing is firmly in place and does not wobble.

Note: *For applications requiring specific torque, use appropriate tools and refer to your equipment's service manual.*

Operating Considerations

Once installed, the Nut-Wing functions as a secure fastener. Its primary role is to keep connected components stable during equipment operation. No specific operational steps are required for the Nut-Wing itself, as it is a passive component.
Ensure that all Nut-Wings and other fasteners are properly tightened before each use of the equipment to prevent parts from loosening due to vibration during operation.

Maintenance

Regular inspection of the Nut-Wing and surrounding components is recommended to ensure continued safe and effective operation.

- **Visual Inspection:** Periodically check the Nut-Wing for signs of wear, corrosion, or damage. Look for cracks, deformation, or stripped threads.
- **Tightness Check:** Before each use, or at least seasonally, verify that the Nut-Wing is securely tightened. Hand-tighten if necessary.
- **Cleaning:** Keep the Nut-Wing and its mating surfaces clean from debris, grass clippings, and dirt to ensure proper seating and prevent corrosion.
- **Replacement:** If the Nut-Wing shows any signs of significant wear, damage, or if it no longer holds components securely, replace it immediately with a genuine OEM part (Part # 32103-22) to maintain equipment integrity and safety.

Troubleshooting

Issues related to the Nut-Wing are typically straightforward and involve its ability to secure components.

Problem	Possible Cause	Solution
Nut-Wing loosens frequently.	Vibration during operation; improper initial tightening; worn threads on Nut-Wing or mating bolt/stud.	Ensure proper tightening; inspect threads for wear and replace if necessary; consider using a thread-locking compound if appropriate for the application (consult service manual).
Nut-Wing cannot be tightened.	Stripped threads on Nut-Wing or mating bolt/stud; incorrect part.	Inspect threads and replace the damaged component(s); verify that Part # 32103-22 is the correct part for your application.

Problem	Possible Cause	Solution
Component secured by Nut-Wing is wobbly.	Nut-Wing not fully tightened; damaged Nut-Wing; worn component or mounting point.	Tighten Nut-Wing; inspect Nut-Wing for damage and replace if needed; inspect the secured component and its mounting point for wear or damage.

Specifications

- **Part Number:** 32103-22 (Replaces Prior MPN 116497)
- **Brand:** Exmark (Manufacturer: Toro)
- **Fastener Type:** Wing Nut
- **Product Dimensions:** Approximately 10 x 6 x 1 inches (packaging dimensions)
- **Item Weight:** Approximately 16 ounces (1 Pound)
- **First Available:** February 9, 2015

Warranty and Support

For specific warranty information regarding the Exmark/Toro Nut-Wing Part # 32103-22, please refer to the warranty documentation provided with your original equipment or contact Exmark/Toro customer support directly. Genuine OEM parts typically carry a manufacturer's warranty against defects in materials and workmanship. For further assistance or to purchase genuine replacement parts, visit the official Exmark store or contact an authorized dealer:
Visit the Exmark Store on Amazon

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