

## Exmark 116-3341

# Exmark 116-3341 Spindle and Seal User Manual

Model: 116-3341 | Brand: Exmark

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## 1. INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and understanding of the Exmark 116-3341 Spindle and Seal. This genuine Exmark part is designed for specific Exmark lawn mower models to ensure optimal performance and longevity. Please read this manual thoroughly before attempting any installation or maintenance procedures.

## 2. PRODUCT OVERVIEW

The Exmark 116-3341 is a genuine replacement spindle and seal assembly crucial for the proper function of your mower deck. It ensures the smooth rotation of the mower blades and protects internal components from debris and moisture.

### 2.1. Compatibility

This spindle and seal assembly is compatible with the following Exmark models:

- Lazer Z Diesel
- Lazer Z E-Series
- Lazer Z S-Series
- Lazer Z X-Series
- Pioneer S-Series
- Radius S-Series
- Radius X-Series
- Staris S-Series
- Turf Tracer X-Series
- Vantage
- Vantage S-Series

- Vantage X-Series

*Note: Fitment can vary by sub-model, serial number, and/or production date of your equipment. Always refer to your equipment's original owner's manual to verify the correct part for your machine.*

## 2.2. Product Images



**Figure 1:** Angled view of the Exmark 116-3341 Spindle and Seal, showing the shaft and upper housing.



Figure 2: Side view of the Exmark 116-3341 Spindle and Seal, highlighting the threaded end and splined shaft.



**Figure 3:** Opposite angled view of the Exmark 116-3341 Spindle and Seal, showing the lower housing and splined bore.



Figure 4: Top-down view of the splined bore on the Exmark 116-3341 Spindle and Seal, where the blade adapter connects.

### 3. INSTALLATION GUIDELINES

Installing a spindle and seal assembly requires mechanical aptitude and adherence to safety protocols. Always consult your specific Exmark equipment's service manual for detailed, model-specific instructions and torque specifications. The following are general guidelines:

#### 3.1. Safety Precautions

- **Disconnect Power:** Ensure the engine is off, spark plug wires are disconnected, and the battery is disconnected before beginning any work.
- **Secure Equipment:** Park the mower on a level surface and engage the parking brake. Use jack stands or blocks to safely support the mower deck if it needs to be raised.
- **Wear Protective Gear:** Always wear safety glasses, gloves, and appropriate work attire.
- **Hot Components:** Allow the engine and exhaust system to cool down before handling.

#### 3.2. General Installation Steps (Consult Service Manual for Details)

1. **Remove Mower Deck:** If necessary, remove the mower deck from the equipment according to your owner's manual.

2. **Access Spindle:** Locate the spindle assembly on the mower deck.
3. **Remove Blade:** Carefully remove the mower blade attached to the spindle shaft. Note the orientation for reinstallation.
4. **Remove Spindle Housing:** Unbolt and remove the old spindle housing from the mower deck.
5. **Inspect Components:** Inspect the mounting surface on the deck for damage or wear. Clean as necessary.
6. **Install New Spindle:** Position the new Exmark 116-3341 Spindle and Seal assembly onto the mower deck. Ensure proper alignment.
7. **Secure Spindle:** Install and tighten the mounting bolts to the manufacturer's specified torque.
8. **Reinstall Blade:** Attach the mower blade, ensuring it is correctly oriented and tightened to the specified torque.
9. **Reinstall Mower Deck:** Reattach the mower deck to the equipment, if it was removed.
10. **Test Operation:** After reassembly, perform a thorough inspection and test the mower's operation in a safe area.

## 4. MAINTENANCE

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Regular maintenance of your Exmark equipment, including the spindle and seal, is vital for extending its lifespan and ensuring safe operation. While the 116-3341 is a sealed unit, general deck maintenance is important.

### 4.1. General Maintenance Tips

- **Regular Inspection:** Periodically inspect the spindle assembly for any signs of wear, damage, or excessive play. Check for unusual noises during operation.
- **Clean Deck:** Keep the underside of the mower deck clean to prevent buildup of grass and debris, which can put extra strain on the spindle bearings.
- **Blade Balance:** Ensure mower blades are sharp and balanced. Unbalanced blades can cause excessive vibration, leading to premature spindle wear.
- **Fastener Torque:** Periodically check the torque of the spindle mounting bolts and blade bolts.

### 4.2. Genuine Exmark Parts Overview

Your browser does not support the video tag.

**Video 1:** An overview of Exmark Original Genuine Lawn & Garden Replacement Parts. This video highlights the importance of using authentic Exmark parts for optimal performance and reliability of your equipment, covering various components like fuel additives, lubricants, blades, belts, and filters.

Using genuine Exmark replacement parts, such as the 116-3341 Spindle and Seal, is recommended to maintain the integrity and performance of your Exmark machinery. Genuine parts are manufactured to precise specifications, ensuring proper fit and function.

## 5. TROUBLESHOOTING

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If you experience issues related to your mower deck's performance after installing or during the use of the 116-3341 Spindle and Seal, consider the following common troubleshooting steps:

- **Excessive Vibration:**
  - Check for bent or unbalanced blades.
  - Ensure all spindle mounting bolts are tightened to specification.

- Inspect the spindle shaft for any signs of bending or damage.
- **Unusual Noises (Grinding, Squealing):**
  - This often indicates worn bearings within the spindle. The 116-3341 is a sealed unit, so if bearings are failing, the entire assembly typically needs replacement.
  - Ensure no debris is caught around the spindle or under the deck.
- **Poor Cut Quality:**
  - Verify blades are sharp and correctly installed.
  - Check for excessive play in the spindle shaft, which could indicate worn bearings or a loose assembly.
- **Leaking Grease/Oil:**
  - While the 116-3341 is a sealed unit, any visible leakage around the spindle housing could indicate a seal failure or damage to the unit itself, requiring replacement.

For persistent issues or complex repairs, it is recommended to consult a certified Exmark service technician or refer to your equipment's detailed service manual.

## 6. SPECIFICATIONS

Feature	Detail
Part Number	116-3341
Brand	Exmark
Product Dimensions	10 x 1.91 x 1 inches
Item Weight	1.91 pounds
Manufacturer	Exmark
ASIN	B00CSBOUSC

## 7. WARRANTY & SUPPORT

### 7.1. Warranty Information







For specific warranty details regarding the Exmark 116-3341 Spindle and Seal, please refer to the warranty documentation provided with your original Exmark equipment or contact an authorized Exmark dealer. Warranty terms typically cover manufacturing defects under normal use conditions.

### 7.2. Customer Support

If you require further assistance, have questions about installation, or need to purchase additional genuine Exmark parts, please contact your local authorized Exmark dealer or visit the official Exmark website for support resources.

You can find more information about Exmark products and parts at the [Exmark Store on Amazon](#).

**Related Documents - 116-3341**

	<p><a href="#">Exmark QUEST™ Operator's Manual</a></p> <p>This operator's manual provides essential information for the safe and effective operation and maintenance of the Exmark QUEST™ zero-turn mower. It includes safety precautions, operating instructions, maintenance schedules, and troubleshooting tips.</p>
	<p><a href="#">Exmark ULTRAVAC® QUICK DUMP SYSTEM Parts Manual - Model LZUVQD11</a></p> <p>Official parts manual for the Exmark ULTRAVAC® QUICK DUMP SYSTEM, Model LZUVQD11. This document provides detailed part numbers, quantities, and descriptions for all assemblies and components, along with ordering information and accessory options.</p>
	<p><a href="#">Exmark RADIUS E-SERIES RAE708GEM60300 Parts Manual</a></p> <p>Detailed parts manual for the Exmark RADIUS E-SERIES RAE708GEM60300 zero-turn mower. Includes diagrams, part numbers, and assembly information for efficient maintenance and repair.</p>
	<p><a href="#">Exmark ULTRAVAC® Collection System LZUVQD11 Parts Manual</a></p> <p>Official parts manual for the Exmark ULTRAVAC® Collection System, Model LZUVQD11. Includes detailed assembly diagrams, part numbers, quantities, and ordering information for replacement components and accessories.</p>
	<p><a href="#">Exmark RED Equipped User's Guide - Diesel Models</a></p> <p>Comprehensive user's guide for Exmark RED Equipped Diesel Mowers, detailing the RED Technology system, operator interface, controls, screen icons, engine modes, DPF regeneration processes, menu options, and troubleshooting for diesel models.</p>
	<p><a href="#">Exmark COMMERCIAL 30 Setup Instructions   Installation Guide</a></p> <p>Step-by-step setup instructions for the Exmark COMMERCIAL 30 mower, including handle installation, engine servicing, and parts verification. Covers serial numbers 411,294,212 and higher.</p>



