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› ATRACYPART 037-6015-50 Deck Spindle Assembly Instruction Manual for Bad Boy Zero Turn Mowers

ATRACYPART 037-6015-50

ATRACYPART 037-6015-50 Deck Spindle Assembly Instruction Manual

For Bad Boy CZT, ZT Elite, Pup Lightning Series Zero Turn Mowers

1. PRODUCT OVERVIEW

The ATRACYPART 037-6015-50 Deck Spindle Assembly is a replacement component designed for specific Bad Boy zero-turn mowers. This assembly is crucial for the proper rotation of mower blades, ensuring efficient and even cutting performance. It is constructed from high-quality metal aluminum for durability and resistance to wear.



Image 1.1: ATRACYPART 037-6015-50 Deck Spindle Assembly (Set of 3).

2. COMPATIBILITY

This deck spindle assembly is designed to be a direct-fit replacement for Bad Boy models requiring OE part numbers 037-6015-00 and 037-6015-50. Verify your mower's model and deck size against the list below to ensure proper fitment.

Deck Spindle Assembly --- Compatibility

Compatible with:

- Bad Boy CZT with 42"-60" Deck
- Pup Lightning with 48", 52", 60" & 72" Deck
- ZT Series with 50" and 60" Deck

Check details as following:

2007-2008 AOS 60" - 72"

2007-2009 Diesel 60" - 72"

2007-2009 Pup Lightning 48" - 52" - 60"

2007-2012 ZT 50" - 60"

2010-2012 CZT - 42" - 50" - 60"

2014-2020 ZT Elite 48" - 54" - 60"

2012-2015 CZT Elite 48" - 54" - 60"

2016-2020 Compact Outlaw 42" - 48"

2016-2020 Maverick 48" - 54" - 60"

2017-2018 Walk Behind 36" - 48"

2019-2019 Revolt 48" - 54"

Image 2.1: Compatibility details for Bad Boy mower models.

Compatible Models and Deck Sizes:

- Bad Boy CZT with 42", 50", 60" Deck (2010-2012)
- Bad Boy Pup Lightning with 48", 52", 60", 72" Deck (2007-2009)
- Bad Boy ZT Series with 50", 60" Deck (2007-2012)
- Bad Boy ZT Elite 48", 54", 60" (2014-2020)
- Bad Boy CZT Elite 48", 54", 60" (2012-2015)
- Bad Boy Compact Outlaw 42", 48" (2016-2020)
- Bad Boy Maverick 48", 54", 60" (2016-2020)
- Bad Boy Revolt 48", 54" (2019)
- Bad Boy AOS 60", 72" (2007-2008)
- Bad Boy Diesel 60", 72" (2007-2009)
- Bad Boy Walk Behind 36", 48" (2017-2018)

Replaces OE Part Numbers: 037-6015-00, 037-6015-50

3. SPECIFICATIONS

Key dimensions and material information for the ATRACYPART 037-6015-50 Deck Spindle Assembly:



Image 3.1: Dimensional reference for the spindle assembly.

- **Height:** 7 5/8 inches (193.5 mm)
- **Mounting Hole Distance:** 4 1/2 inches (114.5 mm)
- **Material:** High-quality metal aluminum

4. INSTALLATION

Installation of a deck spindle assembly typically involves removing the mower deck, detaching the old spindle, and securing the new one. It is recommended to consult your mower's specific service manual for detailed, step-by-step instructions and safety precautions.

General Installation Steps:

1. **Safety First:** Ensure the mower is turned off, the spark plug wire is disconnected, and the deck is disengaged. Wear appropriate personal protective equipment (PPE).
2. **Access the Deck:** Carefully remove the mower deck from the tractor according to your mower's manual.
3. **Remove Old Spindle:** Loosen and remove the bolts securing the old spindle assembly to the deck. Detach any pulleys or blades connected to the spindle shaft.
4. **Clean Mounting Area:** Clean any debris or rust from the spindle mounting area on the deck.
5. **Install New Spindle:** Position the new ATRACYPART spindle assembly onto the deck, aligning the mounting holes. Secure it with the appropriate bolts, tightening them to the manufacturer's specified torque.
6. **Reattach Components:** Reattach the blade and pulley to the new spindle shaft, ensuring all components are correctly oriented and secured.
7. **Reinstall Deck:** Reinstall the mower deck onto the tractor, reconnect the spark plug wire, and test the mower's operation in a safe area.

- **OE Specification**

- **Easy Installation**

- **Durability**

- **Made of Aluminum Metal**

- **Stability**

- **Durable Construction**

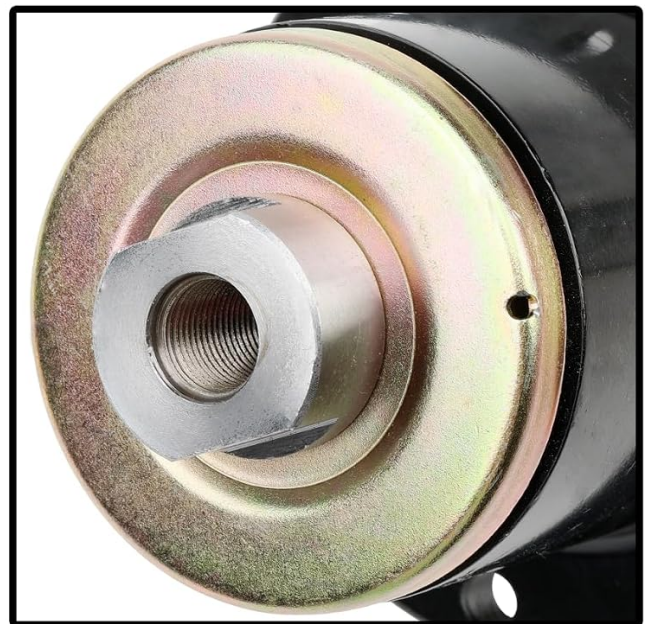
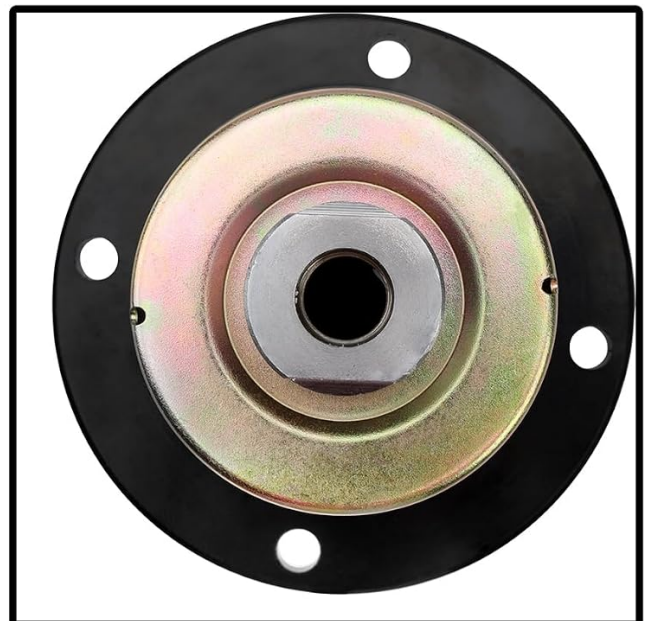


Image 4.1: Detailed views of the spindle assembly's construction.

5. OPERATION

Once correctly installed, the deck spindle assembly facilitates the rotation of the mower blades. The spindle's internal bearings allow the shaft to spin freely, driven by the mower's belt system. Proper operation ensures that the blades maintain consistent speed and cut height, contributing to an even lawn finish.

Make The Blade Spin Evenly

Provides A Stronger Power For Your Lawn Mower



Image 5.1: Spindle assembly in the context of a zero-turn mower.

6. MAINTENANCE

Regular maintenance of your mower deck components, including the spindle assemblies, is essential for longevity and performance. While this spindle assembly is designed for durability, periodic inspection is recommended.

Maintenance Tips:

- **Inspect for Damage:** Regularly check the spindle housing and shaft for any signs of cracks, bends, or excessive wear.
- **Check for Play:** With the mower off and blades disengaged, try to move the blades up and down or side to side. Excessive play can indicate worn bearings within the spindle.
- **Clean Debris:** Keep the area around the spindle and under the deck free of grass clippings and debris, which

can cause imbalance or premature wear.

- **Blade Balance:** Ensure mower blades are sharp and balanced. Unbalanced blades can put undue stress on the spindle bearings.

7. TROUBLESHOOTING

If you experience issues with your mower's cutting deck, the spindle assembly may be a contributing factor. Here are common symptoms and potential causes:

Symptom	Possible Cause	Action
Grinding or unusual noises from the deck	Worn or damaged spindle bearings	Inspect spindle; replace if bearings are failing.
Blades not spinning freely or unevenly	Seized spindle, bent shaft, or damaged pulley	Check for obstructions; inspect spindle and pulley for damage; replace if necessary.
Excessive vibration from the deck	Damaged spindle, unbalanced blade, or loose mounting bolts	Inspect spindle for damage; check blade balance; ensure mounting bolts are tightened to specification.
Uneven cut	Bent spindle shaft or damaged blade	Inspect spindle and blades for damage; replace affected components.

8. WARRANTY INFORMATION

This ATRACYPART Deck Spindle Assembly comes with a **12-Month Warranty**. This warranty covers manufacturing defects and ensures product quality under normal use. For any issues or warranty claims, please contact ATRACYPART customer support through your purchase platform.

9. CUSTOMER SUPPORT

For further assistance, technical questions, or support regarding your ATRACYPART 037-6015-50 Deck Spindle Assembly, please refer to the contact information provided by your retailer or the ATRACYPART brand store on Amazon.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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