

Xtreme X0929

Outdoor Power Xtreme Equipment X0929 PTO Clutch User Manual

Model: X0929 | Brand: Xtreme

1. PRODUCT OVERVIEW

This manual provides essential information for the proper installation, operation, and maintenance of your Xtreme X0929 PTO Clutch. Designed for compatibility with various Bad Boy MZ and MZ Magnum models from 2010-2014, this PTO clutch is engineered for reliable performance in demanding outdoor power equipment applications.

Key Features:

- **Cool Coil Technology:** Designed to dissipate heat efficiently, extending clutch life.
- **High Temperature Bearing Upgrade:** Enhanced bearings for improved durability under high operating temperatures.
- **Integrated Water Tight Wire Harness:** Protects electrical connections from moisture and environmental elements.
- **Replaceable Pulley Bearing:** Allows for easier maintenance and extended service life.
- **Super Smooth "Xtreme Precision" Machined Pulley:** Ensures smooth operation and consistent power transfer.
- **Triple Wire Protection:** Additional safeguarding for the wiring system.



Figure 1: Main view of the Xtreme X0929 PTO Clutch, showcasing its robust construction and integrated wiring.

2. COMPATIBILITY AND SPECIFICATIONS

Before installation, it is crucial to verify that this PTO clutch is compatible with your equipment. Refer to the specifications below and cross-reference with your equipment's requirements and OEM part numbers.

2.1. Technical Specifications

Specification	Value
---------------	-------

Specification	Value
Description	PTO Clutch
Torque	110 ft. lbs.
Belt Width	1/2" or 5/8"
ID (Inner Diameter)	1"
Pulley Diameter	5 7/8"
Rotation Direction	Counter Clockwise
Product Dimensions	10.25 x 9.5 x 7.25 inches
Item Weight	13.8 pounds

2.2. OEM Cross-Reference

This Xtreme X0929 PTO Clutch is a compatible replacement for the following OEM part number:

- **Bad Boy:** 070-3000-00

2.3. Compatible Equipment Models

This clutch is compatible with/replacement for the following Bad Boy models:

- Bad Boy MZ (2014)
- Bad Boy MZ Magnum (2014)
- Bad Boy MZ (2013)
- Bad Boy MZ Magnum (2013)
- Bad Boy MZ (2012)
- Bad Boy MZ (2011)
- Bad Boy MZ (2010)

3. INSTALLATION AND SETUP

Installation of a PTO clutch requires mechanical aptitude and proper tools. If you are not confident in your ability to perform this installation safely and correctly, it is highly recommended to seek assistance from a qualified service technician.

1. **Safety First:** Always ensure the equipment is turned off, the engine is cool, and the spark plug wire is disconnected (or battery disconnected for electric start models) before beginning any work. Engage the parking brake.
2. **Access the Clutch:** Locate the existing PTO clutch on your equipment. This typically involves removing deck covers or other components to gain access.
3. **Disconnect Wiring:** Carefully disconnect the electrical wiring harness from the old clutch. Note the routing of the wires.
4. **Remove Old Clutch:** Unbolt and remove the old PTO clutch from its mounting position. Be aware of any shims or spacers that may be present and note their orientation.
5. **Inspect Mounting Surface:** Clean the mounting surface thoroughly, ensuring it is free of debris, rust, or old gasket material.
6. **Install New Clutch:** Position the new Xtreme X0929 PTO Clutch, ensuring proper alignment with the crankshaft and

any keyways. Secure it with the appropriate bolts, tightening them to the manufacturer's specified torque settings.

7. **Connect Wiring:** Connect the integrated water-tight wire harness of the new clutch to the equipment's electrical system. Ensure a secure and proper connection.
8. **Reassemble:** Reinstall any covers or components that were removed to access the clutch.
9. **Test Operation:** After reassembly, perform a functional test in a safe environment, ensuring the PTO engages and disengages smoothly and correctly.



Figure 2: Detail of the integrated water-tight wire harness, designed for secure electrical connections.

4. OPERATION

The Xtreme X0929 PTO Clutch is designed for reliable engagement and disengagement of power to your equipment's attachments (e.g., mower deck blades). Proper operation involves understanding your equipment's controls.

- **Engagement:** To engage the PTO, activate the PTO switch or lever on your equipment. The clutch will electrically engage, transferring power from the engine to the attachment.
- **Disengagement:** To disengage the PTO, deactivate the PTO switch or lever. The clutch will release, stopping power to the attachment.
- **Smooth Operation:** The "Xtreme Precision" machined pulley ensures smooth engagement and disengagement,

reducing shock to the system.

- **High Torque Transmission:** This clutch is built to deliver high torque, reducing overheating and premature failure during heavy-duty use.



Figure 3: Illustration highlighting the high torque transmission capability of the Xtreme PTO clutch.

5. MAINTENANCE

Regular inspection and proper maintenance are crucial for extending the life of your PTO clutch and ensuring safe operation. While the Xtreme X0929 clutch is designed for durability, periodic checks are recommended.

- **Visual Inspection:** Periodically inspect the clutch for any signs of wear, damage, or loose connections. Check the wire harness for fraying or damage.
- **Belt Condition:** Ensure the drive belt is in good condition, properly tensioned, and free from cracks or excessive wear. A worn belt can affect clutch performance.
- **Bearing Check:** Listen for unusual noises (grinding, squealing) during operation, which could indicate bearing wear. The Xtreme X0929 features a replaceable pulley bearing for easier service.

- **Cleanliness:** Keep the clutch area free from excessive dirt, grass clippings, and debris, which can impede cooling and operation.
- **Cool Coil Technology:** The integrated Cool Coil Technology helps manage heat, but ensuring adequate airflow around the clutch is still beneficial.

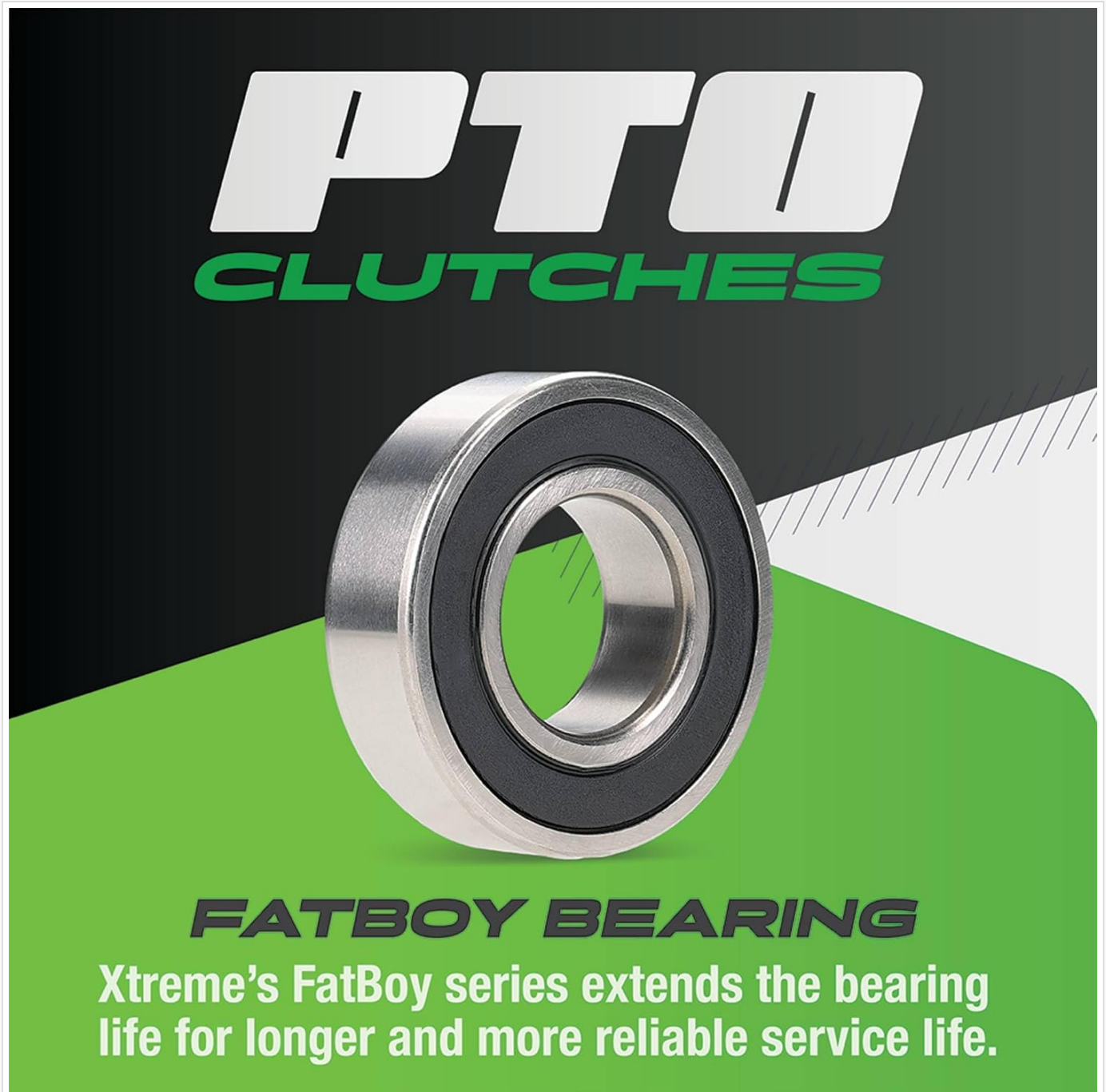


Figure 4: The Xtreme FatBoy bearing, designed for extended service life.



HIGH TEMP BEARING



A highly engineered bearing with a proprietary blend of high-temperature grease and harder races combine to extend the bearing life.

Figure 5: The high-temperature bearing, engineered with proprietary grease for durability.

6. TROUBLESHOOTING

If you experience issues with your PTO clutch, consider the following common troubleshooting steps. For complex issues, consult a qualified technician.

- **Clutch Not Engaging:**

- Check electrical connections to ensure they are secure and free of corrosion.
- Verify the PTO switch is functioning correctly.
- Inspect the wire harness for cuts or damage.
- Ensure the equipment's battery has sufficient charge.

- **Clutch Slipping:**

- Inspect the drive belt for wear, glazing, or improper tension. Replace or adjust as needed.

- Check for excessive debris or foreign objects around the clutch mechanism.

- **Excessive Noise or Vibration:**

- Check for loose mounting bolts.
- Inspect the pulley for damage or misalignment.
- Listen for bearing noise; if present, the bearing may need replacement.

- **Overheating:**

- Ensure the clutch area is clear of debris to allow for proper cooling.
- Verify the clutch is not continuously engaged when not in use.

7. IMPORTANT INFORMATION AND DISCLAIMER

Xtreme Mower Clutches is a registered trademark of Xtreme Mower Clutches Inc. (XMCI) of Boca Raton Florida. XMCI does not imply any association or affiliation with any OEM Manufacture including Warner Electric, Ogura Industrial Corp., John Deere, Exmark/Toro, Hustler, Husqvarna, Cub Cadet, or any of its associates or affiliates, trademarks or copyrights. XMCI also states "OEM Upgrade" or "Warner Upgrade" only refers to the billet pulley, the use of stainless steel braking rivets, replaceable pulley bearing, Xtreme wire protection system, and Cool coil technology, most of which are unique to the Xtreme Mower Clutch product line.

Proposition 65 Warning: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

8. WARRANTY AND SUPPORT

For specific warranty information regarding your Xtreme X0929 PTO Clutch, please refer to the documentation provided at the time of purchase or contact the seller directly. Xtreme is committed to providing high-quality products and support.

You can visit the official Xtreme store on Amazon for more products and information: [Xtreme Store on Amazon](#).

For technical assistance or further inquiries, please reach out to the authorized dealer or the manufacturer's customer service.

© 2025 Xtreme. All rights reserved. This manual is for informational purposes only.

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.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question