

Xtreme X0014

Xtreme Outdoor Power Equipment X0014 PTO Clutch User Manual

Model: X0014 | Brand: Xtreme

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Xtreme Outdoor Power Equipment X0014 PTO Clutch. This clutch is designed as a compatible replacement for various Cub Cadet and MTD series outdoor power equipment. Please read this manual thoroughly before attempting any installation or operation to ensure safe and correct usage.

2. SAFETY INFORMATION

WARNING: Always disconnect the battery and remove the spark plug wire before performing any maintenance or installation on your equipment to prevent accidental starting and serious injury.

- Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves.
- Ensure the equipment is on a stable, level surface and cannot move during installation.
- Refer to your equipment's original manufacturer manual for specific safety procedures and torque specifications.
- Keep hands, feet, and clothing away from moving parts.
- Do not operate equipment with damaged or improperly installed parts.

3. PRODUCT OVERVIEW

The Xtreme X0014 PTO Clutch is an aftermarket replacement component engineered for durability and performance in demanding outdoor power equipment applications. It features Cool Coil Technology, high-performance bearings with high-temperature grease, and a super smooth "Xtreme Precision" machined pulley. The clutch includes an integrated, watertight, and impact-resistant wire harness for reliable electrical connection.



Figure 3.1: Front view of the Xtreme X0014 PTO Clutch, showing the pulley, bearing, and integrated wire harness.

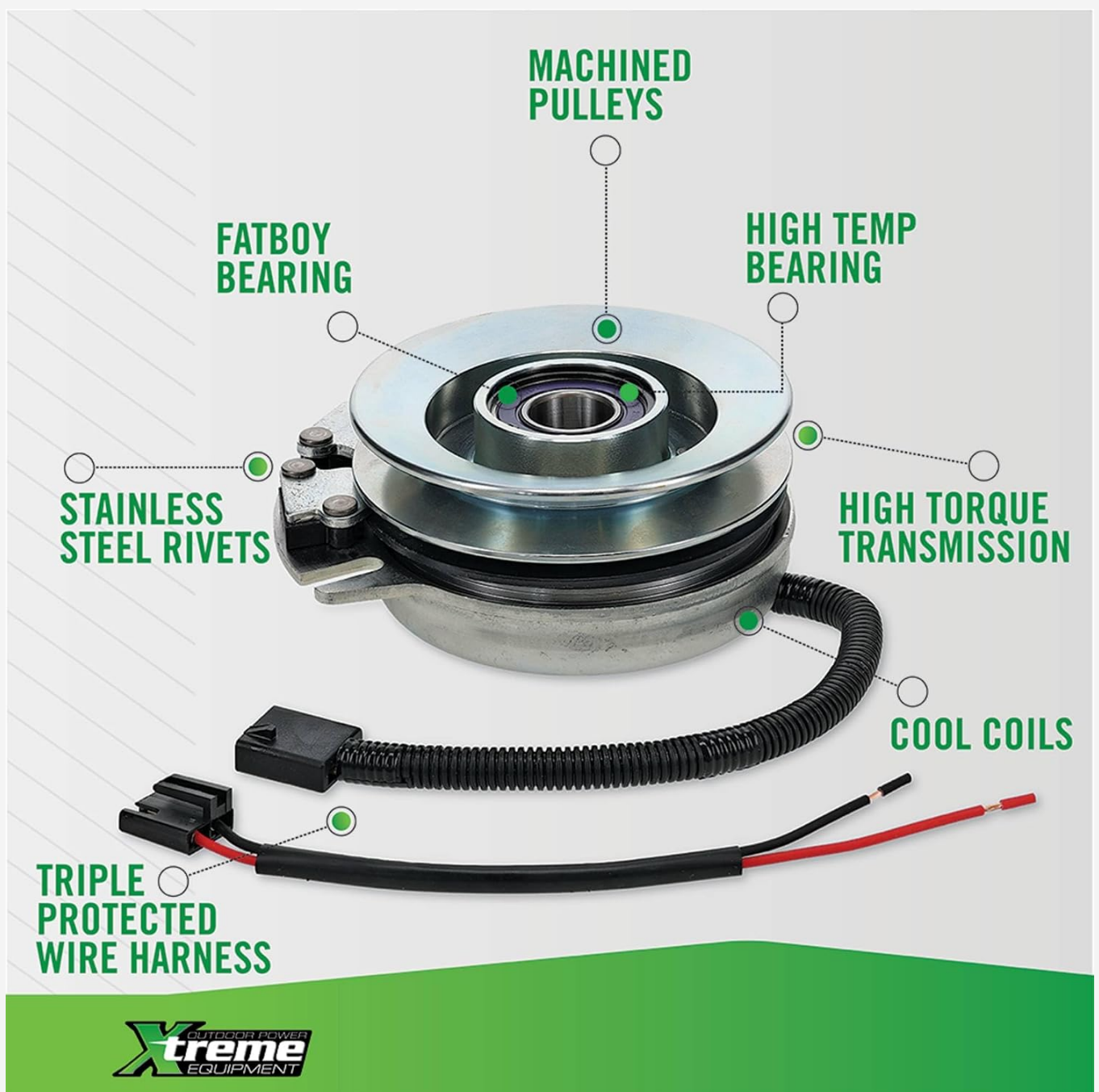


Figure 3.2: Diagram highlighting key features of the Xtreme X0014 PTO Clutch, including machined pulleys, Fatboy bearing, high-temp bearing, high torque transmission, cool coils, triple protected wire harness, and stainless steel rivets.



Figure 3.3: Close-up view of the integrated, watertight, and impact-resistant wire harness with its connector.

Key Features:

- **Cool Coil Technology:** Designed for efficient heat dissipation.
- **High Performance Bearings:** Equipped with high-temperature grease for extended life.
- **Replaceable Pulley Bearing:** Facilitates easier maintenance.
- **Stainless Steel Rivets and Bands:** Provides enhanced durability and corrosion resistance.
- **Super Smooth "Xtreme Precision" Machined Pulley:** Ensures optimal belt engagement and reduced wear.
- **Integrated, Watertight, and Impact Resistant Wire Harness:** For reliable electrical connection in various conditions.
- **High Torque Transmission:** Delivers consistent power for heavy-duty usage.

4. SPECIFICATIONS

Specification	Value
Description	PTO Clutch
Model Number	X0014
Belt Width	1/2" or 5/8"
Inner Diameter (ID)	1"
Pulley Diameter	5 3/8"

Specification	Value
Rotation Direction	Counter Clockwise
Product Dimensions	10.25 x 9.5 x 7.25 inches
Item Weight	9.8 pounds
UPC	023899566969

5. COMPATIBILITY

The Xtreme X0014 PTO Clutch is compatible with and a replacement for the following models and OEM numbers:

Compatible With/Replacement For:

- Cub Cadet GT2542 and LT2138
- MTD 2000, 2130, 2135, 2138, 2143, 2145, 2150, 2155 and 2165 series

Replaces OEM Numbers:

- **Bolens:** 717-3385, 717-3385A, 717-3385AP, 917-3385, 917-3385A, 917-3385B
- **Craftsman:** 717-3385, 717-3385A, 717-3385AP, 917-3385, 917-3385A, 917-3385B
- **Cub Cadet:** 717-3385, 717-3385A, 717-3385AP, 717-3385B, 917-3385, 917-3385A, 917-3385B
- **Huskee:** 717-3385, 717-3385A, 717-3385AP, 917-3385, 917-3385A, 917-3385B
- **MTD:** 717-3385, 717-3385A, 717-3385AP, 717-3385B, 917-3385, 917-3385A, 917-3385B
- **Troy-Bilt:** 717-3385, 717-3385A, 717-3385AP, 717-3385B, 917-3385, 917-3385A, 917-3385B
- **Warner:** 5217-14, 5217-27, 5217-42
- **White:** 717-3385, 717-3385A, 717-3385AP, 917-3385, 917-3385A, 917-3385B

Important: Always verify the part fits your specific equipment model and serial number by referring to your equipment's specifications before purchasing and installing.

6. INSTALLATION / SETUP

Proper installation is crucial for the safe and effective operation of your new PTO clutch. If you are unsure about any step, it is recommended to seek assistance from a qualified service technician.

1. Prepare Equipment:

- Park the equipment on a flat, stable surface.
- Engage the parking brake.
- Turn off the engine and remove the ignition key.
- Disconnect the spark plug wire(s) and the battery to prevent accidental starting.
- Allow any hot components to cool down.

2. Access the Clutch:

- Depending on your equipment model, you may need to remove the mower deck, engine shrouds, or other components to gain access to the existing PTO clutch.

3. Remove Old Clutch:

- Carefully disconnect the electrical wiring from the old clutch. Note the routing of the wires.

- Loosen and remove the bolt(s) securing the clutch to the engine crankshaft.
- Remove the belt(s) from the clutch pulley.
- Carefully slide the old clutch off the crankshaft.

4. Install New Clutch:

- Ensure the crankshaft and mounting surface are clean and free of debris.
- Align the keyway on the clutch with the key on the crankshaft.
- Slide the new Xtreme X0014 PTO Clutch onto the crankshaft until it seats properly.
- Secure the clutch with the appropriate bolt(s) and washer(s). Refer to your equipment's manual for correct torque specifications. Overtightening or undertightening can lead to premature failure.
- Install the belt(s) onto the clutch pulley, ensuring proper tension and alignment.
- Connect the integrated wire harness of the new clutch to the equipment's wiring. Ensure a secure and watertight connection. For mower side wiring harness, purchase XMC1002 if needed.

5. Reassemble and Test:

- Reinstall any shrouds or components removed earlier.
- Reconnect the spark plug wire(s) and the battery.
- Start the engine and carefully test the PTO engagement and disengagement in a safe, open area. Listen for unusual noises or vibrations.

Note: To prevent premature clutch failure, always follow the instruction sheet included with the clutch and your equipment's manufacturer guidelines.

7. OPERATING INSTRUCTIONS

The PTO (Power Take-Off) clutch engages and disengages power to attachments such as mower blades. Proper operation ensures longevity of the clutch and safety during use.

1. Engaging the PTO:

- Ensure the engine is running at a low idle speed.
- Engage the PTO switch or lever smoothly. Avoid abrupt engagement, especially at high engine RPMs, as this can stress the clutch and belts.
- Once engaged, increase engine RPM to the recommended operating speed for your attachment.

2. Disengaging the PTO:

- Reduce engine RPM to a low idle speed.
- Disengage the PTO switch or lever smoothly.
- Allow the attachment to come to a complete stop before leaving the operator's position or performing any checks.

Always operate your equipment according to the manufacturer's instructions. Never engage or disengage the PTO while the engine is at full throttle.

8. MAINTENANCE

Regular maintenance helps extend the life of your PTO clutch and ensures optimal performance.

- **Visual Inspection:** Periodically inspect the clutch for signs of wear, damage, or corrosion. Check the wire harness for fraying or damage.
- **Belt Condition:** Ensure the drive belt(s) are in good condition, properly tensioned, and free from cracks or

excessive wear. A worn or loose belt can cause clutch slippage.

- **Bearing Check:** Listen for unusual noises (grinding, squealing) from the clutch bearings. The Xtreme X0014 features replaceable pulley bearings; consult a service professional if bearing replacement is needed.
- **Cleanliness:** Keep the clutch and surrounding area free of grass clippings, dirt, and debris, which can impede cooling and operation.
- **Wiring:** Ensure all electrical connections are clean, tight, and free from corrosion. The integrated wire harness is designed to be watertight and impact-resistant, but regular checks are still recommended.

Do not attempt to disassemble the clutch unit beyond what is specified in this manual or your equipment's service manual. Internal components are not user-serviceable.

9. TROUBLESHOOTING

If you encounter issues with your PTO clutch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Clutch does not engage	• Blown fuse • Damaged wiring/connector • Faulty PTO switch • Clutch coil failure	• Check and replace fuse. • Inspect wiring for cuts or loose connections; repair or replace. • Test PTO switch continuity; replace if faulty. • Consult a service technician for diagnosis and replacement.
Clutch slips or engages weakly	• Worn or loose drive belt • Incorrect air gap • Contamination (oil, grease) on friction surfaces • Worn clutch components	• Inspect and replace belt if worn; adjust tension. • Consult service manual for air gap adjustment (if applicable). • Clean clutch surfaces if accessible and safe; identify source of contamination. • Consult a service technician for inspection and replacement.
Excessive noise or vibration	• Worn bearings • Loose mounting bolts • Bent or damaged pulley • Improper belt alignment	• Inspect and replace bearings if worn. • Check and tighten mounting bolts to specifications. • Inspect pulley for damage; replace clutch if pulley is integral. • Verify belt alignment and adjust if necessary.

If the problem persists after attempting these solutions, contact a qualified service technician or Xtreme Outdoor Power Equipment customer support.

10. WARRANTY AND SUPPORT

Xtreme Outdoor Power Equipment stands behind the quality of its products. For specific warranty information regarding your X0014 PTO Clutch, please refer to the warranty documentation included with your purchase or visit the official Xtreme Outdoor Power Equipment website.

For technical assistance, troubleshooting, or to inquire about replacement parts, please contact Xtreme Outdoor Power Equipment customer support through their official channels. When contacting support, please have your product model number (X0014) and any relevant purchase information ready.

You can visit the Xtreme Store for more information:[Xtreme Outdoor Power Equipment Store](#)

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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.

Submit question