

## ACTIVLIFE Zero Turn

# ACTIVLIFE 48-Inch Deck Pulley Instruction Manual

For Bobcat ProCat Predator Pro Models 942517G, 942517J, 942532, 128169

## INTRODUCTION

---

This instruction manual provides essential information for the proper installation, operation, and maintenance of your ACTIVLIFE 48-inch deck pulley. This pulley is designed as a replacement part for specific Bobcat ProCat Predator Pro models. Please read this manual thoroughly before attempting any installation or maintenance to ensure safe and efficient use.

## SAFETY INFORMATION

---

Always prioritize safety when working with machinery and replacement parts. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Disconnect Power:** Before beginning any work, ensure the engine is off, the spark plug wire is disconnected, and the parking brake is engaged to prevent accidental starting.
- **Wear Protective Gear:** Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- **Read Machine Manual:** Refer to your mower's original instruction manual for specific safety procedures and component locations.
- **Secure Equipment:** Ensure the mower is on a stable, level surface and properly supported if lifting is required.
- **Use Correct Tools:** Use only the appropriate tools for the task to avoid damage to parts or injury.

## PRODUCT OVERVIEW

---

The ACTIVLIFE 48-inch deck pulley is a critical component in the drive system of your mower deck. It helps maintain proper belt tension and facilitates the smooth rotation of the mower blades, contributing to efficient cutting performance.



Image 1: The ACTIVLIFE 48-inch deck pulley. This image shows the top view of the black metal pulley, highlighting its central bearing and the three holes for mounting.

## Compatibility

This replacement pulley is compatible with the following Bobcat ProCat Predator Pro models and part numbers:

- Bobcat ProCat Predator Pro 942517G
- Bobcat ProCat Predator Pro 942517J
- Bobcat ProCat Predator Pro 942532
- Bobcat ProCat Predator Pro 128169

Always verify the part number and visual appearance against your existing pulley before installation.

## SETUP AND INSTALLATION

---

Follow these steps for proper installation of the ACTIVLIFE deck pulley. If you are unsure about any step, consult a qualified technician.

### Tools Required:

- Socket wrench set

- Pry bar or similar tool (for belt tension)
- Gloves
- Safety glasses

## Installation Steps:

1. **Prepare the Mower:** Ensure the mower is turned off, the spark plug wire is disconnected, and the parking brake is engaged. Place the mower on a flat, stable surface.
2. **Access the Deck:** Depending on your mower model, you may need to remove the mower deck from the tractor or lift the mower to access the underside of the deck. Refer to your mower's manual for specific instructions.
3. **Locate the Old Pulley:** Identify the pulley that needs replacement. Note its orientation and how the belt is routed around it. Taking a photo can be helpful.
4. **Remove Belt Tension:** Carefully release the tension on the drive belt. This may involve using a pry bar to move a tensioner pulley or loosening a spring mechanism.
5. **Remove the Old Pulley:** Use a socket wrench to loosen and remove the bolt(s) securing the old pulley. Carefully remove the old pulley and any associated washers or spacers.
6. **Install the New Pulley:** Place the new ACTIVLIFE pulley in the correct position, ensuring any spacers or washers are correctly aligned. Secure it with the bolt(s), tightening them to the manufacturer's specified torque (refer to your mower's manual).
7. **Re-route and Tension Belt:** Carefully re-route the drive belt around all pulleys according to your mower's diagram. Reapply tension to the belt. Ensure the belt is properly seated in all pulley grooves.
8. **Inspect and Test:** Manually rotate the blades to ensure the belt moves freely and the new pulley spins smoothly without obstruction. Reconnect the spark plug wire and perform a brief test run in a safe area, listening for unusual noises.

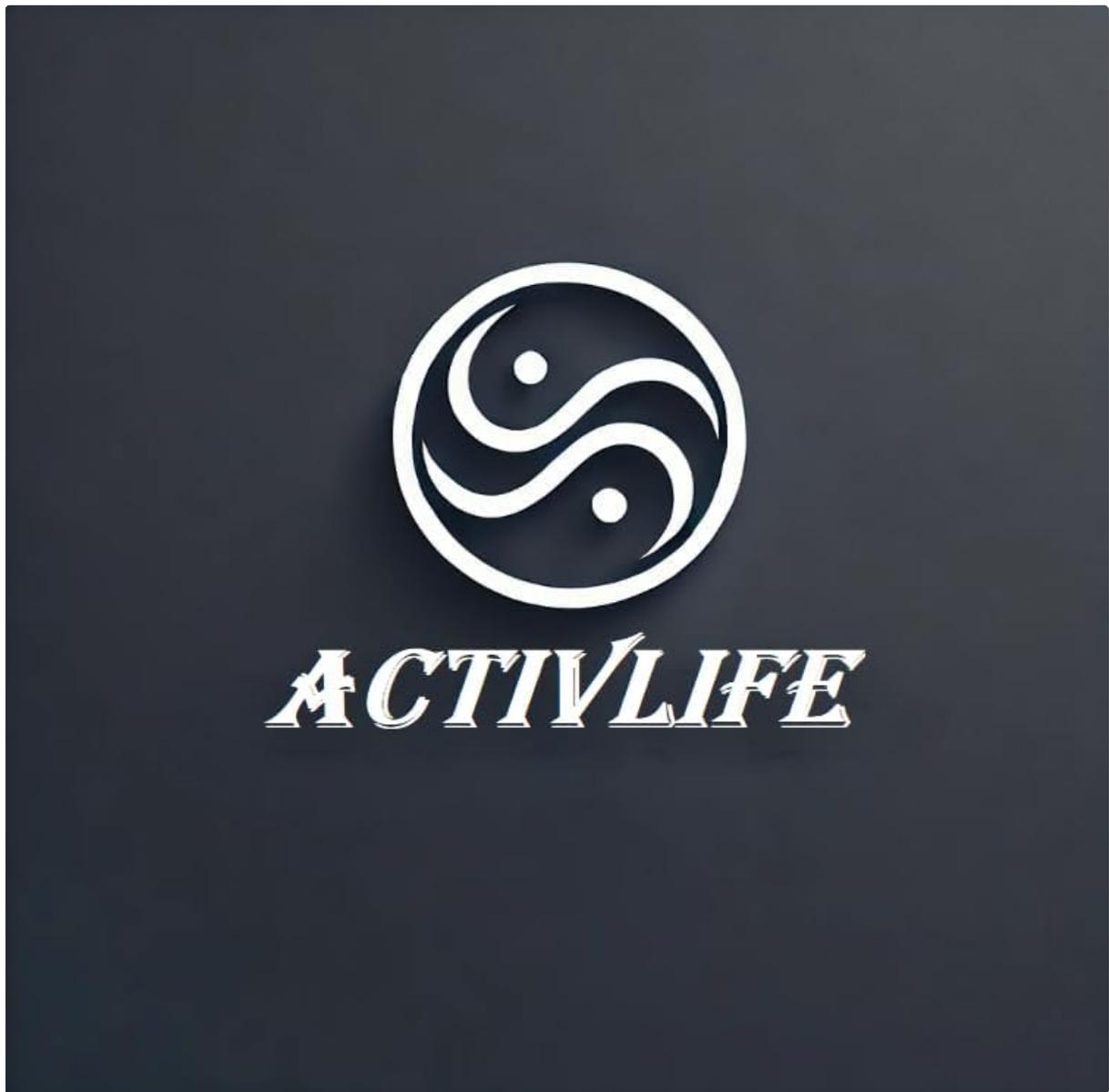


Image 2: An example view of a mower deck's underside, showing a pulley and belt system. This illustrates the typical location and context for pulley installation.

## OPERATING CONSIDERATIONS

---

Once the new pulley is installed, proper operation involves ensuring the mower deck functions correctly.

- **Initial Check:** After installation, run the mower at a low RPM for a few minutes, listening for any unusual noises or vibrations.
- **Belt Alignment:** Periodically check that the drive belt remains properly seated in the pulley grooves and does not show signs of slipping or excessive wear.
- **Smooth Operation:** The pulley should allow for smooth and consistent power transfer to the mower blades. Any grinding, squealing, or jerky motion indicates a potential issue.

## MAINTENANCE

---

Regular inspection and maintenance will extend the life of your ACTIVLIFE deck pulley and ensure optimal mower performance.

- **Visual Inspection:** Before each mowing season and periodically during use, visually inspect the pulley for signs of wear, cracks, chips, or damage.

- **Bearing Check:** With the mower off and the spark plug disconnected, manually spin the pulley. It should rotate smoothly without excessive wobble or grinding noises.
- **Cleanliness:** Keep the pulley and surrounding area free of grass clippings, dirt, and debris, which can interfere with its operation and cause premature wear.
- **Belt Condition:** Always inspect the drive belt for wear, fraying, or cracking. A worn belt can put undue stress on the pulley.
- **Replacement:** Replace the pulley if you observe significant wear, damage, or if the bearing becomes noisy or stiff.

## TROUBLESHOOTING

---

If you encounter issues after installing the new pulley, consider the following common problems and solutions:

Problem	Possible Cause	Solution
Excessive noise (squealing, grinding)	Worn or damaged pulley bearing; incorrect belt tension; debris in pulley.	Inspect pulley bearing for smooth rotation. Adjust belt tension. Clean pulley and surrounding area. Replace pulley if bearing is faulty.
Belt slipping off pulley	Incorrect belt tension; worn belt; pulley not properly aligned or secured.	Check and adjust belt tension. Inspect belt for wear and replace if necessary. Ensure pulley is securely mounted and aligned.
Vibration from mower deck	Unbalanced pulley; worn bearing; loose mounting bolt.	Inspect pulley for damage or imbalance. Check bearing. Ensure mounting bolt is tightened to specification.
Pulley not spinning freely	Seized or damaged bearing; obstruction.	Remove any obstructions. Replace pulley if bearing is seized.

## SPECIFICATIONS

---

- **Manufacturer:** ACTIVLIFE
- **Compatible Deck Size:** 48-inch
- **Compatible Mower Models:** Bobcat ProCat Predator Pro (Zero Turn type)
- **Compatible Part Numbers:** 942517G, 942517J, 942532, 128169
- **ASIN:** B0G413K5X4

## WARRANTY INFORMATION

---

ACTIVLIFE products are manufactured to high standards. This product comes with a limited warranty against defects in materials and workmanship under normal use. For specific warranty terms and conditions, please refer to the product packaging or contact ACTIVLIFE customer support. Keep your proof of purchase for warranty claims.

## SUPPORT

---

If you have any questions regarding the installation, operation, or maintenance of your ACTIVLIFE 48-inch deck pulley, please contact ACTIVLIFE customer service for assistance. Provide your product details and a clear description of your inquiry to help us serve you better.

For further assistance, please visit our official website or contact our support team through the retailer where the product was purchased.