

ACTIVLIFE ACTIVLIFE

ACTIVLIFE Hydraulic Cooling System User Manual

Model: ACTIVLIFE (MPN 601357) | Brand: ACTIVLIFE

PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the ACTIVLIFE Hydraulic Cooling System, specifically designed as a replacement for Hustler 601357, compatible with Super Z, HYPERDRIVE, and BIGDOG mowers. This component is engineered to ensure optimal engine cooling for your lawnmower.



Figure 1: The ACTIVLIFE Hydraulic Cooling System fan. This image displays the complete cooling fan unit, featuring its black fan blades, central motor housing, and integrated wiring with a connector, ready for installation.

SETUP AND INSTALLATION

The ACTIVLIFE Hydraulic Cooling System (MPN 601357) is designed for straightforward replacement. Before beginning installation, ensure the mower's engine is off and cooled down, and the battery is disconnected to prevent accidental startup.

- Compatibility Check:** Visually inspect the new part and compare it with the existing component on your Hustler Super Z, HYPERDRIVE, or BIGDOG mower. Confirm that the dimensions and connection points align with the original part (MPN 601357).
- Removal of Old Part:** Carefully disconnect any wiring and mounting hardware securing the old hydraulic cooling fan. Note the orientation and connection points for proper reinstallation.
- Installation of New Part:** Position the ACTIVLIFE cooling system in the designated area. Secure it using the appropriate mounting hardware. Connect the wiring harness, ensuring a snug and secure fit.

4. **Final Inspection:** After installation, double-check all connections and mounting points to ensure they are firm and stable. Reconnect the battery.

For optimal performance and safety, it is recommended to consult your mower's specific service manual for detailed removal and installation procedures.

OPERATING PRINCIPLES

The hydraulic cooling system plays a critical role in maintaining the optimal operating temperature of your mower's hydraulic system and engine. This fan is designed to draw air across the hydraulic cooler, dissipating heat generated during operation. Proper cooling prevents overheating, which can lead to reduced performance and premature wear of hydraulic components and the engine.

- Ensures consistent hydraulic fluid temperature.
- Contributes to the longevity and efficiency of the mower's engine and hydraulic system.
- Designed for continuous operation during mower use.

MAINTENANCE

Regular maintenance of the hydraulic cooling system ensures its efficiency and extends its lifespan. Perform these checks periodically:

- **Cleanliness:** Keep the fan blades and surrounding area free from debris, grass clippings, and dirt. Accumulated debris can impede airflow and reduce cooling efficiency. Use compressed air or a soft brush for cleaning.
- **Visual Inspection:** Periodically inspect the fan for any signs of damage, such as bent blades, loose wiring, or cracks in the housing.
- **Wiring Connections:** Ensure all electrical connections to the fan are secure and free from corrosion.
- **Noise Check:** Listen for any unusual noises coming from the fan during operation, which could indicate a bearing issue or obstruction.

Always ensure the mower is off and cooled before performing any maintenance.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Fan not spinning	No power, loose connection, motor failure, obstruction	Check wiring connections. Ensure power is supplied. Remove any obstructions. If issues persist, motor may need replacement.
Excessive noise from fan	Debris in fan blades, worn bearings, loose mounting	Clean fan blades. Inspect for loose mounting hardware. If bearing noise, replacement may be necessary.
Engine/Hydraulic system overheating	Fan not operating efficiently, blocked airflow, incorrect part	Ensure fan is spinning freely and clean. Check for blockages around the cooler. Verify correct part installation.

If troubleshooting steps do not resolve the issue, it is recommended to consult a qualified service technician.

SPECIFICATIONS

- **Manufacturer:** ACTIVLIFE
- **Model Number:** ACTIVLIFE
- **MPN (Replacement For):** Hustler 601357

- **Compatibility:** Hustler Super Z, HYPERDRIVE, BIGDOG mowers
- **Function:** Hydraulic Cooling Fan

WARRANTY INFORMATION

ACTIVLIFE products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty documentation included with your purchase or contact ACTIVLIFE customer support. Keep your proof of purchase for any warranty claims.

CUSTOMER SUPPORT

For technical assistance, parts inquiries, or any questions regarding your ACTIVLIFE Hydraulic Cooling System, please contact ACTIVLIFE customer support. Refer to the contact information provided on the product packaging or the official ACTIVLIFE website.

When contacting support, please have your product model number (ACTIVLIFE) and MPN (601357) ready.

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