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Advanced Chute System ACS6000ULS

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Model: ACS6000ULS

PRODUCT OVERVIEW

The Advanced Chute System Chute Blocker (ACS6000ULS) is a durable accessory designed for zero-turn mowers. Constructed from high-quality steel, this system provides operators with precise control over the mower's discharge chute. It is engineered to manage grass clippings effectively, preventing debris from entering sensitive areas like flower beds or striking objects such as windows. This manual provides essential information for the safe and correct installation, operation, and maintenance of your chute blocker.



Figure 1: Advanced Chute System Chute Blocker. This image displays the complete chute blocker assembly, highlighting its robust construction and design.

SAFETY INFORMATION

Always prioritize safety when installing, operating, or maintaining any machinery or accessory. Failure to follow safety instructions can result in serious injury or property damage.

- Read and understand both this manual and your zero-turn mower's instruction manual before proceeding.
- Ensure the mower engine is off, the ignition key is removed, and the spark plug wire is disconnected before any installation, adjustment, or maintenance.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during installation and operation.
- Keep hands, feet, and clothing clear of all moving parts.
- Operate the mower and chute blocker only on level ground and in stable conditions.

PACKAGE CONTENTS

The Advanced Chute System Chute Blocker (ACS6000ULS) package typically includes the following components:

- Chute Blocker Assembly
- Mounting Hardware (bolts, nuts, washers)
- Installation Instructions (this manual)

SETUP AND INSTALLATION

Important: Installation requires drilling holes into the mower deck. Refer to your specific zero-turn mower's manual

for any additional instructions or warnings regarding accessory installation. Visit www.advancedchutesystem.com to verify compatibility with your mower model before proceeding.

1. **Prepare the Mower:** Park the mower on a flat, stable surface. Turn off the engine, remove the ignition key, and disconnect the spark plug wire to prevent accidental starting.
2. **Position the Chute Blocker:** Carefully position the chute blocker assembly against the mower deck's discharge opening. Ensure proper alignment with the existing discharge chute.
3. **Mark Drilling Locations:** Use the chute blocker as a template to accurately mark the required drilling points on the mower deck. Double-check measurements to ensure correct placement and clearance for operation.
4. **Drill Holes:** Using an appropriate drill bit size (typically matching the provided hardware), carefully drill the marked holes through the mower deck. Deburr any sharp edges around the drilled holes.
5. **Secure the Chute Blocker:** Attach the chute blocker to the mower deck using the provided mounting hardware (bolts, washers, nuts). Tighten all fasteners securely, but avoid overtightening to prevent damage to the deck or hardware.
6. **Verify Operation:** Once installed, manually operate the chute blocker's lever to ensure it moves freely and effectively blocks and unblocks the discharge chute without obstruction.



Figure 2: Advanced Chute System Chute Blocker installed on a zero-turn mower. This image shows the chute blocker mounted to the mower deck, ready for operation.

OPERATING INSTRUCTIONS

The Advanced Chute System Chute Blocker provides dynamic control over the mower's discharge. It is designed for operation while mowing to direct or block grass clippings as needed.

1. **Familiarize Yourself:** Before starting the mower, practice operating the chute blocker's control lever to understand its full range of motion and how it affects the discharge opening.
2. **Start Mower:** Start the zero-turn mower according to its manufacturer's instructions. Ensure all safety checks are completed.

3. **Adjust Discharge:** While mowing, use the control lever to adjust the position of the chute blocker. Moving the lever will open or close the discharge chute.
4. **Blocking Discharge:** To block the discharge, move the lever to the fully closed position. This is ideal for preventing debris from entering flower beds, hitting windows, or for mulching applications.
5. **Opening Discharge:** To allow normal discharge, move the lever to the fully open position.
6. **Partial Blocking:** The chute blocker can be partially closed to control the spread and direction of clippings, offering flexibility in various mowing conditions.



Figure 3: Advanced Chute System Chute Blocker in operation. This image illustrates the chute blocker's function during mowing, showing controlled discharge of grass clippings.

MAINTENANCE

Regular maintenance is crucial for ensuring optimal performance and extending the lifespan of your Advanced Chute System Chute Blocker.

- **Cleaning:** After each use, clean grass clippings, dirt, and debris from the chute blocker and its moving parts. A stiff brush or compressed air can be effective.
- **Lubrication:** Periodically apply a light, all-purpose lubricant to pivot points and moving mechanisms to ensure smooth and effortless operation.
- **Inspection:** Regularly inspect all mounting hardware for tightness. Check the chute blocker for any signs of wear, damage, or corrosion. Replace any worn or damaged components immediately to maintain safety and functionality.
- **Storage:** When not in use for extended periods, store the mower and chute blocker in a dry, protected area to prevent rust and damage.

TROUBLESHOOTING

If you encounter issues with your Advanced Chute System Chute Blocker, consider the following common solutions:

- **Chute Blocker Not Moving Smoothly:** Check for any accumulated debris obstructing the mechanism. Clean thoroughly. Apply lubricant to pivot points. Inspect for bent or damaged parts that may impede movement.
- **Loose Mounting:** Inspect all bolts, nuts, and washers securing the chute blocker to the mower deck. Tighten any loose fasteners. If mounting holes appear stripped, consult a professional for repair or consider using appropriate repair kits.
- **Ineffective Blocking:** Ensure the chute blocker is fully closing when the lever is in the closed position. Check for any gaps or misalignments that might allow clippings to escape. Verify that the initial installation was performed correctly according to the instructions.

SPECIFICATIONS

Feature	Detail
Model Number	ACS6000ULS
Brand	Advanced Chute System
Item Weight	16.2 pounds
Package Dimensions	28 x 12 x 6 inches
Material	High-quality Steel

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Advanced Chute System directly. Having your product model number (ACS6000ULS) and purchase information ready will help expedite your request.

Website: www.advancedchutesystem.com