John Deere AM143911

John Deere OEM Lower Bagger Chute AM143911 Instruction Manual

Model: AM143911 | Brand: John Deere

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of the John Deere OEM Lower Bagger Chute, model AM143911. This genuine John Deere part is designed to ensure efficient grass collection for compatible riding mower and Ztrak models.

Safety Information

Always read and understand the safety guidelines in your main equipment's operator's manual before installing or operating any attachments. Wear appropriate personal protective equipment (PPE) such as gloves and eye protection during installation and maintenance. Ensure the mower engine is off and the spark plug wire is disconnected before working on the equipment.

- Always turn off the engine and remove the key before performing any maintenance or installation.
- Allow the engine and cutting deck to cool down before handling.
- Keep hands, feet, and clothing away from moving parts.
- Inspect the chute for damage before each use. Replace if cracked or broken.

Compatibility

The John Deere OEM Lower Bagger Chute (AM143911) is compatible with the following John Deere models:

Riding Mower Models:

- 102, 105, 115, 125, 135
- D100, D105, D110, D120, D130
- E100, E110, E120, E130
- L100, L105, L107, L108, L110, L111, L118

- LA100, LA105, LA110, LA115, LA120, LA125, LA135
- LX280, S240
- X110, X120, X125, X300, X304, X310

Ztrak Models:

- Z225, Z235, Z245

Sabre Models:

- 1338G, 1538H, 1546G, 1638HS, 1646H

What's in the Box

- 1 x John Deere OEM Lower Bagger Chute (AM143911)

Setup and Installation

This section outlines the general steps for installing the lower bagger chute. Refer to your specific mower's operator manual for detailed diagrams and safety precautions.

1. **Prepare the Mower:** Ensure the mower engine is turned off, the key is removed, and the spark plug wire is disconnected to prevent accidental starting. Allow the cutting deck to cool.
2. **Remove Old Chute (if applicable):** If replacing an existing chute, carefully detach it from the mower deck and the upper bagger tube. Note how it was connected.
3. **Position the New Chute:** Align the lower end of the AM143911 chute with the discharge opening on the mower deck.
4. **Secure to Deck:** The chute typically attaches to the mower deck using pins or clips. Ensure these connections are secure and the chute is firmly seated. Some models may require a slight adjustment or enlargement of the attachment hole on the deck for a perfect fit. If the hole is slightly too small, a drill bit can be used to carefully enlarge it.
5. **Connect to Bagger Tube:** Connect the upper end of the lower chute to the main bagger tube that leads to the collection bags. Ensure a tight seal to prevent grass clippings from escaping.
6. **Verify Fit:** Double-check all connections to ensure the chute is securely attached and there are no gaps that could lead to clogging or inefficient bagging.



Image: The John Deere OEM Lower Bagger Chute (AM143911) showing its overall shape and connection points.



Image: Side view of the lower bagger chute, highlighting its curved design for efficient grass flow.

Operating the Bagger Chute

Once installed, the lower bagger chute works in conjunction with your mower's cutting deck and bagging system to direct grass clippings into the collection bags. Proper operation involves ensuring the chute remains clear and securely attached during mowing.

- Ensure the bagger chute is securely attached to both the mower deck and the upper bagger assembly before starting the mower.
- Mow at an appropriate speed for the grass conditions to prevent clogging.
- Regularly check the collection bags and empty them before they become too full, as overfilled bags can lead to reduced airflow and clogging in the chute.

Maintenance

Regular maintenance of your lower bagger chute will ensure its longevity and optimal performance.

- **Cleaning:** After each use, or as needed, remove the chute and clear any accumulated grass clippings, dirt, or debris from both the inside and outside surfaces. A stiff brush or hose can be used. Ensure the chute is dry before reattaching or storing.
- **Inspection:** Periodically inspect the chute for signs of wear, cracks, or damage. Pay close attention to the connection points. A damaged chute can lead to poor bagging performance or become a safety hazard. Replace the chute if any significant damage is observed.
- **Storage:** Store the chute in a clean, dry place when not in use, especially during off-season, to protect it from elements and prolong its life.



Image: View of the chute's opening, which connects to the mower deck, showing its robust construction.

Troubleshooting

Problem	Possible Cause	Solution
Chute Clogging Frequently	◦ Mowing wet or excessively tall grass. ◦ Bagger bags are full. ◦ Mower blades are dull or damaged. ◦ Chute is not properly seated or has gaps. ◦ Mowing speed is too fast.	◦ Avoid mowing wet grass. Mow tall grass in multiple passes. ◦ Empty bagger bags regularly. ◦ Sharpen or replace mower blades. ◦ Re-seat the chute, ensuring all connections are tight. Inspect for damage. ◦ Reduce mowing speed, especially in dense grass.
Chute Does Not Fit Properly	◦ Incorrect model compatibility. ◦ Minor manufacturing variation or deck design changes over time.	◦ Verify your mower model against the compatibility list. ◦ For minor fit issues (e.g., pin hole slightly off), a small drill bit can be used to carefully enlarge the hole on the mower deck or chute to allow for proper alignment.

Problem	Possible Cause	Solution
Grass Clippings Escaping	◦ Chute not securely attached. ◦ Damage to the chute (cracks, holes).	◦ Ensure all attachment points are firm and tight. ◦ Inspect the chute for any damage and replace if necessary.

Specifications

- **Brand:** John Deere
- **Model:** Bagger Chute
- **OEM Part Number:** AM143911
- **Color:** Black
- **Item Weight:** 6.84 pounds
- **Product Dimensions:** 39 x 20 x 11 inches
- **Vehicle Service Type:** John Deere mower models, Ztrak Sabre models
- **UPC:** 196508269671

Warranty and Support

For specific warranty information and technical support regarding your John Deere OEM Lower Bagger Chute (AM143911), please refer to the official John Deere website or contact an authorized John Deere dealer. Keep your purchase receipt for warranty claims.
You can visit the official John Deere store for more information:John Deere Store

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