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> ECOTRIC Upper Hood for John Deere 415 425 445 455 Lawn Mowers Instruction Manual

ECOTRIC AM128986

ECOTRIC Upper Hood Instruction Manual

Compatible with John Deere 415, 425, 445, 455 Lawn Mowers

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1. INTRODUCTION

This manual provides instructions for the installation and maintenance of the ECOTRIC Upper Hood, designed as a direct replacement for John Deere lawn mower models 415, 425, 445, and 455. This product replaces manufacturer part numbers AM128986 and AM118699. Please read these instructions thoroughly before proceeding with installation to ensure proper fitment and safe operation.

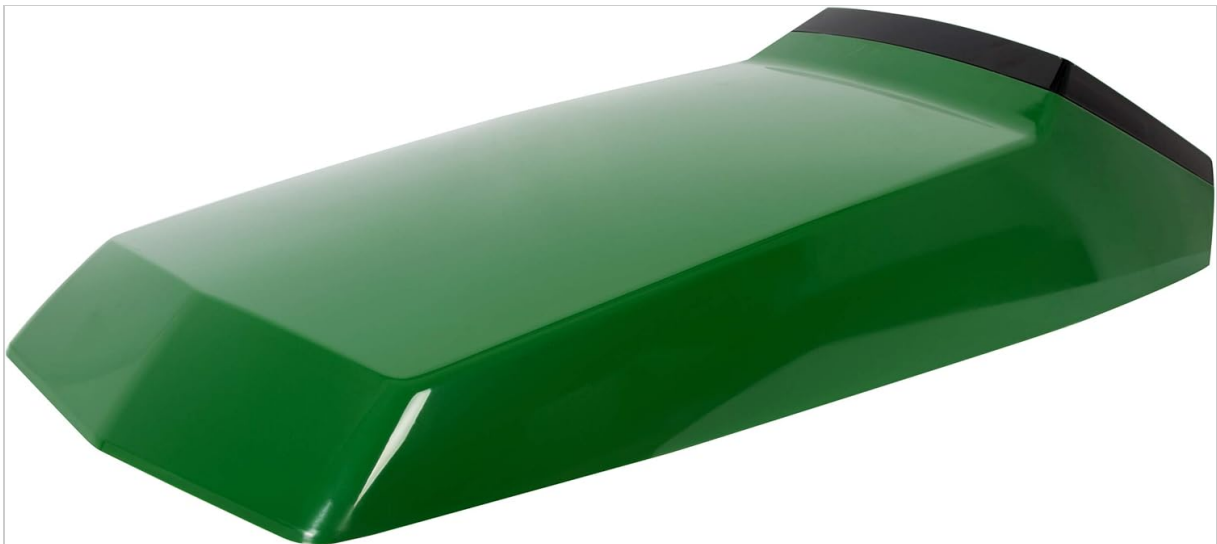


Image 1.1: Top view of the ECOTRIC Upper Hood, showing its green finish and overall shape.

2. SAFETY INFORMATION

Always prioritize safety when working with machinery. Failure to follow safety precautions can result in injury or damage to equipment.

- Ensure the lawn mower is turned off, the engine is cool, and the spark plug wire is disconnected

before beginning any work.

- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Work in a well-lit and stable environment.
- Keep children and pets away from the work area.
- If you are unsure about any step, consult a qualified professional.

3. INSTALLATION

This upper hood is designed for direct replacement. While the installation process is generally straightforward, professional installation is highly recommended to ensure correct fitment and stability.

3.1. Required Tools (Not Included)

- Basic hand tools (e.g., screwdriver, wrench set) for removing existing hardware.

3.2. Installation Steps

1. **Preparation:** Park the John Deere lawn mower on a flat, stable surface. Turn off the engine, allow it to cool, and disconnect the spark plug wire to prevent accidental starting.
2. **Remove Old Hood:** Carefully locate and remove all screws, bolts, or clips securing the existing upper hood to the mower chassis. Note the location and type of fasteners for reinstallation.
3. **Inspect Mounting Points:** Once the old hood is removed, inspect the mower's mounting points for any damage, corrosion, or debris. Clean as necessary.
4. **Position New Hood:** Carefully align the ECOTRIC Upper Hood with the mounting points on the John Deere mower. The hood features a combination of screw and buckle installation points for stability.



Image 3.1: Underside view of the ECOTRIC Upper Hood, highlighting the molded mounting points for screws.

5. **Secure Hood:** Using the original hardware (or appropriate replacement hardware if needed), secure the new upper hood. Start by loosely fastening all screws and buckles, then tighten them evenly to ensure a snug and stable fit. Avoid overtightening, which can damage the plastic.



Image 3.2: Detailed view showing the internal clips and screw posts on the ECOTRIC Upper Hood, crucial for secure installation.

6. **Final Check:** After tightening all fasteners, gently test the hood for stability. Ensure it is securely attached and does not wobble. Reconnect the spark plug wire.

4. OPERATING CONSIDERATIONS

Once installed, the upper hood functions as a protective cover for the engine compartment. Ensure it is always properly closed and secured before operating the lawn mower.

- Verify that the hood latches or closes completely to prevent it from opening during operation.
- Do not operate the mower with a loose or improperly secured hood.

5. MAINTENANCE

Regular maintenance will help prolong the life and appearance of your ECOTRIC Upper Hood.

- **Cleaning:** Clean the hood regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the plastic finish.
- **Inspection:** Periodically inspect the hood for cracks, damage, or loose fasteners. Address any issues

promptly to maintain structural integrity.

- **Fasteners:** Check that all screws and buckles remain tight. Retighten if necessary, but do not overtighten.

6. TROUBLESHOOTING

If you encounter issues with your ECOTRIC Upper Hood, consider the following:

- **Poor Fitment:** If the hood does not align correctly or seems loose, re-check all mounting points and ensure fasteners are evenly tightened. Slight adjustments may be needed. Verify that the hood is indeed compatible with your specific John Deere model (415, 425, 445, or 455).
- **Damaged Mounting Points:** If the plastic mounting posts or buckles appear damaged or broken, the hood may require repair or replacement. Consider reinforcing weak points with appropriate adhesives if minor damage occurs, but ensure structural integrity is not compromised.
- **Scratches/Blemishes:** Minor surface scratches can sometimes be buffed out with plastic-specific polishes. Deeper damage may require professional repair or replacement for aesthetic reasons.

7. SPECIFICATIONS

Brand	ECOTRIC
Model Compatibility	John Deere 415, 425, 445, 455 Lawn Mowers
Replaces Part Numbers	AM128986, AM118699
Material	Automotive-grade Plastic
Color	Green
Auto Part Position	Upper
Installation Type	Screw and Buckle Combination

8. WARRANTY & SUPPORT

For specific warranty information and customer support, please refer to the official ECOTRIC brand store or contact the manufacturer directly. Warranty terms typically cover manufacturing defects but may not cover damage due to improper installation, misuse, or normal wear and tear.

Visit the ECOTRIC Store: [ECOTRIC Official Store](#)