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John Deere AUC12916

John Deere Easy Change 30-Second Oil Change System Instruction Manual

Model: AUC12916

1. Introduction

This manual provides comprehensive instructions for the safe and effective use, installation, and maintenance of your John Deere Easy Change 30-Second Oil Change System. Please read this manual thoroughly before operating or servicing your equipment to ensure proper function and longevity of the product.

2. Safety Information

Always prioritize safety when performing maintenance on machinery. Failure to follow safety instructions can result in serious injury or damage to equipment.

- **Engine Off:** Ensure the engine is completely off, cool, and the spark plug wire is disconnected before beginning any maintenance.
- **Personal Protective Equipment:** Wear appropriate safety glasses and gloves to protect against oil splashes and hot surfaces.
- **Hot Oil:** Engine oil can be hot. Allow the engine to cool sufficiently before changing the oil.
- **Proper Disposal:** Dispose of used oil and filters according to local environmental regulations. Do not pour used oil onto the ground or into drains.
- **Read Machine Manual:** Always refer to your specific John Deere equipment's operator's manual for additional safety precautions and oil change procedures.

3. Product Overview

The John Deere Easy Change 30-Second Oil Change System is designed to simplify and expedite the oil change process for compatible John Deere lawn and garden equipment. This system integrates the oil filter and a portion of the engine oil into a single, easy-to-replace unit, minimizing mess and reducing service time.



This image displays the John Deere Easy Change 30-Second Oil Change System filter. It is a green and black cylindrical unit with 'EASY CHANGE' prominently displayed. The label also indicates '30-Second Oil Change System' and shows a date installed field, with 'AUC12916' visible at the bottom.

4. Setup

Before performing an oil change, ensure you have the following:

- New John Deere Easy Change Oil System (Model AUC12916 or compatible).
- Wrench (if the old filter is too tight to remove by hand).
- Oil drain pan or suitable container for used oil.
- Rags or absorbent material for spills.
- Personal protective equipment (safety glasses, gloves).

Preparation:

1. Park the equipment on a level surface.
2. Engage the parking brake.
3. Turn off the engine and remove the ignition key.
4. Disconnect the spark plug wire to prevent accidental starting.
5. Allow the engine to cool for at least 15-20 minutes to prevent burns from hot oil.

5. Operating Instructions: 30-Second Oil Change

Follow these steps to perform an oil change using the John Deere Easy Change System:

1. **Locate the System:** Identify the Easy Change oil system unit on your John Deere equipment. It is typically a green and black cylindrical unit.
2. **Prepare for Removal:** Place an oil drain pan directly underneath the Easy Change unit to catch any residual drips.
3. **Remove Old Unit:** Grasp the old Easy Change unit firmly. Turn it counter-clockwise to unscrew it from the engine. It may require a slight initial force. Continue turning until the unit detaches.
4. **Install New Unit:** Take the new John Deere Easy Change unit (AUC12916). Ensure the sealing surface on the engine is clean. Align the new unit with the engine's mounting port.
5. **Tighten:** Turn the new unit clockwise by hand until it is snug. Do not overtighten. The system is designed to seal effectively without excessive force.
6. **Check Oil Level:** After installation, wait a few minutes for the oil to settle. Check the engine oil level using the dipstick according to your equipment's operator's manual. Add additional oil if necessary, ensuring it is the correct type and viscosity specified for your engine.
7. **Reconnect and Start:** Reconnect the spark plug wire. Start the engine and let it run for a few minutes. Check for any leaks around the new oil system.
8. **Final Oil Level Check:** Turn off the engine, wait a few minutes, and recheck the oil level. Adjust if needed.

Note: The "30-second" claim refers to the quick removal and installation of the unit itself, not the entire oil change process including cooling and oil level checks.

6. Maintenance

Regular maintenance of your John Deere equipment, including timely oil changes with the Easy Change system, is crucial for optimal performance and engine longevity.

- **Change Frequency:** Refer to your equipment's operator's manual for recommended oil change intervals. These are typically based on engine hours or calendar time.
- **Disposal:** The used Easy Change unit contains engine oil. It must be disposed of responsibly. Contact your local recycling center or automotive service facility for proper disposal methods. Do not discard in household trash.
- **Storage:** Store new Easy Change units in a cool, dry place away from direct sunlight and extreme temperatures.

7. Troubleshooting

If you encounter issues during or after the oil change, consider the following:

- **Difficulty Removing Old Unit:** If the old unit is stuck, a suitable oil filter wrench may be required. Ensure you are turning it counter-clockwise.
- **Oil Leakage After Installation:**
  - Ensure the new unit is tightened sufficiently (hand-tight plus a small turn if specified by your equipment manual).
  - Check that the sealing surface on the engine is clean and free of debris or old gasket material.
  - Verify the new unit is not damaged.
- **Incorrect Oil Level:** Always check the oil level on a level surface after the engine has cooled and the oil has settled. Add or drain oil as needed to reach the correct level on the dipstick.

For persistent issues, consult your John Deere equipment's operator's manual or contact an authorized John Deere service dealer.

8. Specifications

Product Name:	John Deere Easy Change 30-Second Oil Change System
Model Number:	AUC12916
Manufacturer:	John Deere
Item Weight:	3.46 pounds
Product Dimensions:	10 x 10 x 10 inches
ASIN:	B079TB9KXM

9. Warranty Information

This John Deere Easy Change Oil System is covered by the standard John Deere parts warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty documentation provided with your original John Deere equipment or visit the official John Deere website.
Important: Use of non-genuine John Deere parts or improper installation may void your equipment's warranty.

10. Support

For further assistance, technical support, or to locate an authorized service dealer, please contact John Deere customer service or visit the official John Deere website:

- **John Deere Official Website:** www.deere.com
- **Find a Dealer:** Use the dealer locator tool on the John Deere website to find a service center near you.

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