John Deere AM101207

John Deere Original Equipment Oil Filter

Model: AM101207
Brand: John Deere

Introduction

This manual provides essential information regarding the John Deere Original Equipment Oil Filter, model AM101207. This oil filter is designed to maintain the cleanliness of your engine oil, ensuring optimal performance and longevity of your equipment. It is a genuine OEM part, replacing prior MPN TCA10018 and HE122-0338.

Compatibility

The John Deere Original Equipment Oil Filter AM101207 is compatible with various John Deere models. Always refer to your original equipment owner's manual to verify compatibility before installation.

- John Deere: 316, 317, 318, 420
- M653 Mid-Mount ZTrak 23hp AC Gas 54 inch Deck
- M655 Mid-Mount ZTrak 25hp AC Gas 54 inch Deck
- M665 Mid-Mount ZTrak 25hp AC Gas 60 inch Deck
- STX38 (12.5hp, 13hp, 14hp)
- STX46 (14hp, 15hp)

Product Specifications

Attribute	Detail
Brand	John Deere
Model Number	AM101207
Material	Plastic (referring to internal components or packaging, filter housing is typically metal)

Product Grade	Replacement Part
Vehicle Service Type	Lawn Mower
Item Dimensions (L x W x H)	10 x 6 x 1 inches
Item Weight	1 pound (16 ounces)
UPC	759936017162

Installation Instructions

Proper installation of the oil filter is crucial for engine health. Always consult your equipment's owner's manual for specific, detailed instructions and safety precautions. The following are general steps for oil filter replacement:

1. **Prepare the Equipment:** Ensure the engine is cool. Place the equipment on a level surface and engage the parking brake. Disconnect the spark plug wire to prevent accidental starting.
2. **Drain Old Oil:** Place a suitable drain pan beneath the oil drain plug. Remove the drain plug and allow all old oil to drain completely. Reinstall the drain plug once drained.
3. **Remove Old Filter:** Position the drain pan under the oil filter. Use an oil filter wrench to loosen and remove the old oil filter. Be prepared for some oil to spill.
4. **Prepare New Filter:** Apply a thin film of clean engine oil to the rubber gasket of the new John Deere AM101207 oil filter. This ensures a proper seal.
5. **Install New Filter:** Thread the new oil filter onto the engine by hand. Turn until the gasket makes contact with the engine block, then tighten an additional 1/2 to 3/4 turn. Do not overtighten.
6. **Add New Oil:** Fill the engine with the recommended type and amount of new engine oil, as specified in your equipment's owner's manual.
7. **Check for Leaks:** Reconnect the spark plug wire. Start the engine and let it run for a few minutes. Check for any oil leaks around the new filter and drain plug. Shut off the engine and recheck the oil level, adding more if necessary.



Image: John Deere Original Equipment Oil Filter AM101207. This image displays the oil filter in its packaging, indicating it is a genuine OEM part.

Operation and Function

Once installed, the John Deere AM101207 oil filter continuously works to remove contaminants from your engine oil. As the engine operates, oil circulates through the filter, where impurities such as dirt, metal particles, and sludge are trapped by the filter media. This process ensures that clean oil lubricates critical engine components, preventing premature wear and maintaining engine efficiency.

Maintenance

The oil filter is a critical maintenance item. Regular replacement is essential for the health of your engine. Refer to your equipment's owner's manual for the recommended oil and filter change intervals. Typically, oil filters should be replaced every time the engine oil is changed, or as specified by the manufacturer, to ensure optimal filtration and engine

protection.

Troubleshooting

If you encounter issues after replacing your oil filter, consider the following common problems and solutions:

- **Oil Leaks:**
  - *Cause:* Improperly tightened filter, damaged gasket, or debris on the sealing surface.
  - *Solution:* Ensure the filter is tightened correctly (hand-tight plus 1/2 to 3/4 turn). Check the gasket for damage and the sealing surface for cleanliness. If the leak persists, the filter may be faulty or incompatible.
- **Incorrect Fit:**
  - *Cause:* Using an incompatible filter. Some John Deere models, particularly older ones like the 318 with Onan engines, may have specific requirements for the filter's dimensions and threading.
  - *Solution:* Double-check the model number AM101207 against your equipment's owner's manual. If the filter does not thread on smoothly or feels loose, do not force it. Obtain the correct filter for your specific engine.
- **Low Oil Pressure Warning:**
  - *Cause:* Severely clogged filter (unlikely immediately after replacement), incorrect oil level, or other engine issues.
  - *Solution:* First, verify the oil level is correct. If the warning persists, consult a qualified service technician.

For any issues not resolved by these steps, it is recommended to contact a certified John Deere service center or a professional mechanic.

Safety Information

- Always wear appropriate personal protective equipment, such as gloves and eye protection, when handling engine oil and performing maintenance.
- Ensure the engine is cool before beginning any work to prevent burns.
- Dispose of used oil and oil filters responsibly according to local environmental regulations. Do not pour used oil down drains or onto the ground.
- Keep new and used oil filters out of reach of children and pets.
- Refer to your equipment's owner's manual for all safety warnings and procedures specific to your machine.

Warranty and Support

For information regarding the warranty of your John Deere Original Equipment Oil Filter AM101207, please refer to the warranty documentation provided with your original equipment or contact an authorized John Deere dealer. For technical support or further assistance, please visit the official John Deere website or contact their customer service department. You can find more information and support on theJohn Deere Store on Amazon.

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