Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

John Deere AM125424

John Deere OEM Oil Filter Instruction Manual

Model: AM125424

Product Overview

The John Deere Original Equipment Oil Filter (Model AM125424) is designed to provide superior filtration for your John Deere equipment. This genuine part ensures optimal engine performance and longevity by effectively removing contaminants from the engine oil. It is constructed from durable materials to withstand demanding operating conditions.



Figure 1: Front view of the John Deere OEM Oil Filter AM125424, showing the John Deere logo and model number.

Safety Information

Always prioritize safety when performing maintenance on your equipment. Failure to follow these guidelines may result in injury or damage to property.

- Ensure the engine is turned off and cooled down before attempting any maintenance.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Dispose of used oil and filters responsibly according to local regulations.
- Refer to your equipment's specific owner's manual for detailed safety procedures.
- Keep out of reach of children.

Compatibility

This John Deere OEM Oil Filter (AM125424) is compatible with a wide range of John Deere models, including but not limited to:

- 800 Aerocore
- 1200 Hydro
- 636M, 648M, 648R
- 652B, 652E, 652M, 652R, 652R EFI, 652R MOD
- 661R, 661R EFI
- F620, F680, F687
- M653, M655, M665
- Z225, Z235, Z245, Z255
- Z335E, Z335M, Z345M, Z345R, Z355E, Z355R, Z375R
- Z425, Z435, Z445, Z465
- Z510A, Z520A, Z525E, Z535M, Z535R, Z540M, Z540R
- Z625, Z645, Z655, Z665
- Z710A, Z720A
- Z910A, Z915B, Z915E, Z920A, Z920M, Z920R
- Z925A EFI Pro, Z925M EFI, Z925M EFI Flex Fuel
- Z930M EFI, Z945M EFI, Z955M EFI
- GS30, G15
- WG32A, WG36A, WG48A
- WHP36A, WHP48A, WHP52A, WHP61A
- WH36A, WH48A, WH52A, WH61A
- 7G18, Skid Steer Loader 60
- D100, D105, D110, D120, D125, D130, D140, D150, D155, D160, D170
- E100, E110, E140
- GT225, GT235, GT235E, G100
- LA105, LA110, LA115, LA120, LA125, LA130, LA135, LA140, LA145, LA150, LA155, LA165, LA175
- LTR155, LTR166, LT133, LT150, LT155, LT160, LT166, LT170
- LX173, LX255, LX266, LX288
- L100, L108, L110, L111, L118, L120, L130
- SST15, SST16, SST18
- STX30, STX38, STX46

- S240
- X110, X120, X125, X130R, X140, X145, X155R, X165
- X300 (FS541V-; FS600V engines)
- X300R (FS541V-; FS600V engines)
- X304 (FS541V engine)
- X310
- X320 (FS651V- engine)
- X324 (FS651V engine)
- X330, X350, X350R, X354
- X360 (FS651V engine, SN# 150001-)
- X370, X380, X384, X390, X394
- X500 (SN# 060,001)
- X530 (FS730V- engine)
- X534 (FS730V- engine)
- X570, X580, X584, X590
- 115, 125, 135, 145, 155C, 190C
- 316, 317, 318
- Gator XUV 550, Gator XUV 550 S4, Gator XUV 560, Gator XUV 560 S4, GATOR XUV560E, GATOR XUV560E S4

Always cross-reference with your equipment's owner's manual or parts diagram to ensure correct fitment.

Setup and Installation

Before You Begin:

- Gather necessary tools: oil filter wrench, drain pan, new engine oil, rags.
- Ensure the engine is warm but not hot, as warm oil drains more easily.
- Locate the existing oil filter on your John Deere equipment.

Installation Steps:

1. Place a drain pan beneath the oil filter to catch any dripping oil.
2. Using an oil filter wrench, carefully loosen the old oil filter. Once loose, unscrew it by hand. Be prepared for oil to drain out.
3. Clean the filter mounting surface on the engine, ensuring no old gasket material remains.
4. Apply a thin film of new engine oil to the rubber gasket of the new John Deere oil filter. This helps ensure a proper seal.



Figure 2: Angled view of the oil filter, highlighting the threaded opening and the rubber gasket to be lubricated.

5. Screw the new filter onto the engine by hand until the gasket makes contact with the mounting surface.
6. Tighten the filter an additional 1/2 to 3/4 turn by hand. Do not overtighten, as this can damage the filter or engine.
7. Refill the engine with the recommended type and amount of new engine oil.
8. Start the engine and check for any oil leaks around the new filter. Run the engine for a few minutes, then shut it off and recheck the oil level. Add more oil if necessary.

Operation

Once installed, the John Deere OEM Oil Filter AM125424 continuously filters the engine oil, removing harmful particles such as dirt, metal shavings, and sludge. This process is crucial for maintaining oil cleanliness, lubricating engine components effectively, and preventing premature wear and tear on the engine.

Maintenance

Regular replacement of your oil filter is essential for the health of your John Deere equipment. It is generally

recommended to replace the oil filter at least once a year or every 50-100 operating hours, whichever comes first. Always consult your specific equipment's owner's manual for precise maintenance intervals and recommendations.

Troubleshooting

Issue	Possible Cause	Solution
Oil Leak Around Filter	Improperly tightened filter, damaged gasket, debris on mounting surface.	Ensure filter is hand-tightened correctly. Check gasket for damage and replace if necessary. Clean mounting surface thoroughly.
Low Oil Pressure	Clogged filter (if old), incorrect oil level, other engine issues.	Replace filter if due for maintenance. Check and adjust oil level. Consult a qualified technician if problem persists.
Engine Noise (e.g., knocking)	Severely clogged filter restricting oil flow, low oil level.	Immediately shut off engine. Check oil level and filter condition. Replace filter. Seek professional assistance if noise continues.

Specifications

Attribute	Detail
Brand	John Deere
Model Number	AM125424
Product Dimensions	7 x 6 x 4 inches; 8 ounces
Material	Plastic
Vehicle Service Type	Tractor
Product Grade	Performance Part
First Available	August 5, 2007

Note: While the product is described as a durable, sturdy filter, the material specification lists 'Plastic'. This may refer to internal components or packaging. The visible exterior is typically metal.

Warranty and Support

For specific warranty information, technical support, or further assistance with your John Deere OEM Oil Filter AM125424, please refer to the official John Deere website or contact your authorized John Deere dealer. Always retain your proof of purchase for warranty claims.

© 2025 John Deere. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B007TJXGZ6

More documents and user manuals: **https://manuals.plus/**