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John Deere LVA10419

John Deere Original Equipment Hydraulic Filter LVA10419 User Manual

Model: LVA10419

1. Introduction

This manual provides essential information for the proper installation and maintenance of the John Deere Original Equipment Hydraulic Filter, part number LVA10419. This filter is designed to ensure the cleanliness of the hydraulic fluid in compatible John Deere equipment, protecting hydraulic system components from wear and damage caused by contaminants.
Regular replacement of the hydraulic filter is crucial for maintaining the efficiency and longevity of your machinery's hydraulic system.

2. Safety Information

Always observe safety precautions when working with hydraulic systems. Hydraulic fluid can be under high pressure and can cause serious injury. Refer to your equipment's original owner's manual for specific safety guidelines.

- Ensure the equipment is turned off and cooled down before attempting any maintenance.
- Relieve all hydraulic pressure before disconnecting any lines or components.
- Wear appropriate personal protective equipment (PPE), including gloves and eye protection.
- Dispose of used hydraulic fluid and filters according to local environmental regulations.
- Keep hands and clothing clear of moving parts.

3. Installation Instructions

The following steps outline the general procedure for replacing a hydraulic filter. Always consult your specific equipment's service manual for detailed, model-specific instructions.

1. **Prepare the Equipment:** Park the equipment on a level surface, engage the parking brake, and lower all implements to the ground. Turn off the engine and remove the key. Allow the hydraulic system to cool down.
2. **Locate the Filter:** Identify the hydraulic filter housing on your John Deere equipment.
3. **Prepare for Fluid Drainage:** Place a suitable drain pan beneath the filter housing to catch any hydraulic fluid that

may spill during removal.

4. **Remove Old Filter:** Carefully unscrew the old hydraulic filter. Be prepared for some fluid to drain out.
5. **Clean Housing:** Clean the filter mounting surface on the equipment to ensure a proper seal with the new filter.
6. **Prepare New Filter:** Apply a thin film of clean hydraulic fluid to the gasket of the new John Deere LVA10419 filter.
7. **Install New Filter:** Screw the new filter onto the housing until the gasket makes contact with the mounting surface. Then, tighten the filter an additional 1/2 to 3/4 turn by hand, or as specified in your equipment's manual. *Do not overtighten.*
8. **Check Fluid Level:** After installation, check the hydraulic fluid level and add clean, recommended hydraulic fluid if necessary.
9. **Inspect for Leaks:** Start the engine and operate the hydraulic system briefly. Shut off the engine and check for any leaks around the new filter.
10. **Dispose Properly:** Dispose of the old filter and drained fluid responsibly according to local regulations.



Image: Top view of the John Deere hydraulic filter LVA10419, highlighting the threaded opening and the rubber gasket designed for a secure seal.

4. Maintenance and Replacement

The hydraulic filter is a critical component for maintaining the health of your equipment's hydraulic system. Its primary function is to remove contaminants from the hydraulic fluid.

Replacement Schedule

Refer to your John Deere equipment's owner's manual for the recommended hydraulic filter replacement intervals. These intervals are typically based on operating hours or calendar time, whichever comes first. Adhering to the recommended schedule is vital for preventing hydraulic system issues.

Signs of a Clogged Filter

While regular replacement is key, certain symptoms may indicate a clogged or failing hydraulic filter:

- Reduced hydraulic system performance (e.g., slow implement movement, weak lifting power).
- Increased operating temperature of the hydraulic fluid.
- Unusual noises from the hydraulic pump or other components.
- Activation of a hydraulic filter bypass indicator (if equipped).



Image: Side view of the John Deere hydraulic filter LVA10419, displaying icons for proper drainage and disposal of used filters, along with the part number LVA10419.

5. Compatibility

The John Deere Original Equipment Hydraulic Filter LVA10419 is compatible with a range of John Deere equipment. Always verify compatibility with your specific model by consulting your equipment's original owner's manual or an authorized John Deere dealer.

Known Compatible Models:

- John Deere 110 Loader Backhoe

- John Deere 4044M, 4044R, 4049M, 4049R, 4052M, 4052R, 4066M, 4066R Compact Utility Tractors
- John Deere 4200, 4210, 4300, 4310, 4400, 4410, 4500, 4510, 4600, 4610, 4700, 4710 Compact Utility Tractors



Image: Front view of the John Deere hydraulic filter LVA10419, prominently featuring the John Deere logo and branding.

6. Specifications

Key specifications for the John Deere Original Equipment Hydraulic Filter LVA10419:

Attribute	Detail
Part Number	LVA10419
Brand	John Deere
Material	Metal
Product Grade	Replacement Part
Vehicle Service Type	Tractor
Item Dimensions (L x W x H)	16 x 10 x 1 inches
Item Weight	1.9 Pounds
Manufacturer	John Deere
Number of Items	1
Model (Type)	Oil Filter (Hydraulic Filter)
GTIN (Global Trade Identification Number)	00196508252390



Image: An alternative view of the John Deere hydraulic filter LVA10419, showcasing its cylindrical shape and black finish.

7. Warranty and Support

For information regarding warranty coverage, technical support, or to locate an authorized service center, please refer to the official John Deere website or contact your local John Deere dealer. Always use genuine John Deere parts to ensure compatibility and maintain warranty validity for your equipment.

Important: Always refer to your equipment's original owner's manual for the most accurate and up-to-date information regarding maintenance, parts, and safety procedures.

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