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John Deere LVA801006

John Deere Original Equipment Shaft LVA801006 Instruction Manual

INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of the John Deere Original Equipment Shaft, model LVA801006. Please read this manual thoroughly before attempting any procedures to ensure safe and effective use. For detailed instructions specific to your tractor model, always refer to your equipment's official owner's manual.

PRODUCT OVERVIEW

The John Deere Original Equipment Shaft LVA801006 is a genuine replacement part designed for specific John Deere compact tractors. This shaft is crucial for power transmission within the machinery, ensuring optimal performance and reliability. It features universal joints at both ends for flexible connection.

Compatible Models:

- John Deere 2025R compact tractor
- John Deere 2210 compact tractor
- John Deere 3220 compact tractor

Always verify compatibility with your specific equipment's owner's manual or parts catalog before installation.



Image: John Deere Original Equipment Shaft LVA801006. This image displays the black metal shaft with universal joints at both ends, characteristic of a power transmission component for agricultural machinery.

SAFETY INFORMATION

Before handling or installing any machinery parts, observe the following safety precautions:

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the equipment is turned off, disengaged, and secured against accidental startup before beginning any work.
- Refer to your tractor's owner's manual for specific safety warnings and procedures related to shaft replacement.
- Keep hands and clothing clear of moving parts.
- If you are unsure about any procedure, consult a qualified technician.

SETUP AND INSTALLATION

The following are general guidelines for installing the LVA801006 shaft. Specific steps may vary depending on your tractor model. Always consult your tractor's official service manual for detailed, model-specific instructions.

1. **Preparation:** Park the tractor on a level surface, engage the parking brake, and turn off the engine. Disconnect the battery to prevent accidental startup.
2. **Access:** Locate the area where the shaft is to be installed or replaced. This may require removing guards or other components.
3. **Removal (if replacing):** Carefully disconnect the old shaft from its connection points, typically universal joints or flanges. Note the orientation for correct installation of the new shaft.
4. **Inspection:** Inspect the mating components (e.g., splines, bearings, mounting points) for wear or damage. Replace any worn components as necessary.
5. **Installation:** Align the new LVA801006 shaft with the connection points. Ensure proper engagement of splines and secure all fasteners to the manufacturer's specified torque settings.
6. **Reassembly:** Reinstall any guards or components that were removed to access the shaft.
7. **Post-Installation Check:** Before operating, manually rotate the shaft (if possible) to check for free movement and proper alignment. Reconnect the battery.

Improper installation can lead to equipment damage or personal injury. If you lack the necessary tools or expertise, seek professional assistance.

OPERATING CONSIDERATIONS

Once the shaft LVA801006 is correctly installed, its operation is integrated with the tractor's power transmission system. No specific "operating" steps are required for the shaft itself beyond ensuring the tractor is operated within its design parameters.

- Ensure all connections remain secure during operation.
- Avoid overloading the tractor beyond its rated capacity, as this can stress drivetrain components, including the shaft.
- Listen for unusual noises or vibrations during operation, which could indicate an issue with the shaft or related components.

MAINTENANCE

Regular inspection and maintenance are crucial for the longevity and reliable performance of the LVA801006 shaft.

- **Visual Inspection:** Periodically inspect the shaft for signs of wear, damage, corrosion, or loose fasteners. Pay close attention to the universal joints for excessive play or damaged boots.
- **Lubrication:** If the universal joints are equipped with grease fittings, lubricate them according to your tractor's maintenance schedule using the recommended grease type.
- **Cleaning:** Keep the shaft and surrounding area clean from dirt, debris, and corrosive materials.
- **Fastener Torque:** Check the torque of all mounting bolts at recommended intervals to ensure they remain tight.

Refer to your John Deere tractor's owner's manual for specific maintenance schedules and procedures.

TROUBLESHOOTING

If you experience issues that you suspect are related to the LVA801006 shaft, consider the following common problems and solutions:

Symptom	Possible Cause	Solution
Excessive Vibration	Unbalanced shaft, worn universal joints, loose fasteners, bent shaft.	Inspect for damage or wear. Tighten fasteners. Replace worn universal joints or the entire shaft if bent.
Unusual Noises (e.g., clunking, grinding)	Worn universal joints, lack of lubrication, loose connections.	Lubricate universal joints. Inspect and replace worn components. Ensure all connections are secure.
Loss of Power Transmission	Shaft failure, disconnected universal joint, stripped splines.	Inspect the shaft and its connections for breakage or disengagement. Replace damaged components.

If troubleshooting steps do not resolve the issue, contact an authorized John Deere service center.

SPECIFICATIONS

Attribute	Detail
Part Number	LVA801006
Brand	John Deere
Product Dimensions	11.5 x 8.5 x 6.5 inches
Item Weight	7.5 pounds
Manufacturer	John Deere
ASIN	B00CSBSFNS

WARRANTY AND SUPPORT

As an Original Equipment Manufacturer (OEM) part, the John Deere LVA801006 shaft is typically covered by John Deere's standard warranty for genuine parts. For specific warranty terms and conditions, please refer to the documentation provided with your purchase or contact an authorized John Deere dealer.

For technical support, parts inquiries, or service, please contact your local authorized John Deere dealer or visit the official John Deere website. You can find more information and contact details on the [John Deere Store on Amazon](#) or the main John Deere corporate website.

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