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› DABAZUALY GX24864 Mower Deck Lift Linkage Rod Kit Instruction Manual for John Deere 100 Series Tractors

DABAZUALY GX24864

DABAZUALY GX24864 Mower Deck Lift Linkage Rod Kit Instruction Manual

Compatible with John Deere 100 Series Tractors

1. INTRODUCTION

This manual provides instructions for the installation and maintenance of the DABAZUALY GX24864 Mower Deck Lift Linkage Rod Kit. This kit is designed as a replacement part for various John Deere 100 Series lawn tractors, ensuring proper mower deck height adjustment and stability. Please read this manual thoroughly before proceeding with installation or use.

2. SAFETY INFORMATION

WARNING: Always prioritize safety when working with machinery. Failure to follow safety instructions can result in serious injury or damage.

- Always turn off the tractor engine and remove the ignition key before performing any maintenance or installation.
- Engage the parking brake to prevent accidental movement.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- Ensure the mower deck is securely supported if it needs to be lifted or removed during installation.
- Refer to your John Deere tractor's official service manual for specific safety procedures and detailed instructions related to your model.

3. PACKAGE CONTENTS

Verify that all components are present in your package:

- 2 x GX24864 Mower Deck Lift Linkage Rods
- 2 x GX21718 Components (likely adjustment blocks)
- 2 x 24M7053 Components (likely washers)
- 2 x GX26085 Components (likely nuts or pins)



Image 1: Two complete GX24864 Mower Deck Lift Linkage Rods.



Image 2: Detailed view of the individual components included in the kit: two adjustment blocks, two R-pins, two washers, and two lock nuts.

4. SETUP AND INSTALLATION

The GX24864 Mower Deck Lift Linkage Rod Kit is designed for direct replacement. The following steps are general guidelines. Always consult your specific John Deere tractor's service manual for detailed, model-specific instructions and torque specifications.

1. **Prepare the Tractor:** Park the tractor on a flat, level surface. Turn off the engine, remove the ignition key, and engage the parking brake.
2. **Access the Mower Deck:** Depending on your tractor model, you may need to lower the mower deck to its lowest position or partially remove it to gain access to the existing linkage rods.
3. **Remove Old Linkage Rods:** Carefully remove the pins, nuts, or bolts securing the old linkage rods to the mower deck and the tractor's lift mechanism. Note the orientation and connection points of the old rods for correct installation of the new ones.
4. **Install New Linkage Rods:** Attach the new GX24864 linkage rods in the same manner as the old ones. Ensure all washers, adjustment blocks, and nuts/pins are correctly installed and secured. The threaded portion of the rod allows for length adjustment.

5. **Adjust Deck Height:** Once installed, adjust the length of the linkage rods to achieve the desired mower deck height. This is typically done by rotating the adjustment block or nut on the threaded section of the rod. Ensure both sides are adjusted evenly to keep the deck level. Refer to your tractor's manual for recommended deck leveling procedures.
6. **Secure All Fasteners:** Double-check that all nuts, pins, and bolts are securely fastened. Do not overtighten, but ensure they are snug to prevent loosening during operation.
7. **Test Operation:** Carefully raise and lower the mower deck several times to ensure smooth operation and proper height adjustment. Verify that the deck remains level at various height settings.



Image 3: Close-up of the threaded rod and adjustment nut, highlighting the mechanism for length adjustment.

5. OPERATING INSTRUCTIONS

The GX24864 Mower Deck Lift Linkage Rods are passive components that facilitate the proper function of your tractor's mower deck lift system. Once correctly installed and adjusted, they maintain the mower deck at the selected cutting height and allow for smooth raising and lowering.

- **Deck Height Adjustment:** Use your tractor's standard deck height adjustment lever or knob to select the desired cutting height. The linkage rods will hold the deck at this position.
- **Smooth Operation:** If the deck feels stiff or uneven when raising or lowering, re-check the installation and adjustment of the linkage rods. Ensure no components are binding.

6. MAINTENANCE

Regular inspection and minor maintenance can extend the life of your linkage rods and ensure optimal mower deck performance.

- **Visual Inspection:** Periodically inspect the linkage rods for signs of wear, bending, or damage. Check for corrosion, especially on the threaded sections.
- **Fastener Check:** Ensure all nuts, pins, and bolts remain tight. Re-tighten any loose fasteners as needed.
- **Lubrication:** Apply a light coat of grease or lubricant to the pivot points and threaded sections of the rods to prevent rust and ensure smooth adjustment.
- **Cleaning:** Keep the rods and surrounding areas free of grass clippings, dirt, and debris.

7. TROUBLESHOOTING

If you experience issues with your mower deck's lift mechanism after installing the GX24864 kit, consider the following:

Problem	Possible Cause	Solution
Mower deck is uneven	Linkage rods adjusted unevenly; bent rod; worn tractor components.	Re-adjust both linkage rods to ensure the deck is level. Inspect rods for damage. Check other tractor lift components.
Difficulty raising/lowering deck	Binding components; lack of lubrication; incorrect installation.	Lubricate pivot points. Verify correct installation and ensure no parts are obstructing movement.
Rods appear loose or rattle	Loose fasteners; worn connection points.	Tighten all nuts and pins. Inspect connection points on the tractor and deck for excessive wear.

8. SPECIFICATIONS

- **Model Number:** GX24864
- **Manufacturer Part Number:** GX24864
- **Brand:** DABAZUALY
- **Compatible Tractor Series:** John Deere 100 Series (D100, D105, D110, D120, D125, D130, D140, D150, D155, D160, D170, L100, L110, L111, L118, L120, L130, LA100, LA105, LA110, LA115, LA120, LA125, LA130, LA135, LA140, LA145, LA150, LA155, LA165, LA175, X105, X106, X107, X115R, X116R, X117R, X120, X125, X126, X127, X130R, X135R, X140, X145, X146R, X147R, X155R, X165, X166, X166R, X167, X167R, S100, S110, S120, S130, S140, S160, S170, S180, S220, S224, E100, E110, E120, E130, E140, E150, E160, E170, E180)
- **Auto Part Position:** Front
- **Automotive Fit Type:** Universal Fit (for specified models)
- **Included Components:** 2 GX24864 Mower Deck Lift Linkage Rod, GX21718, 24M7053, GX26085







Image 4: Side profile of the two GX24864 Mower Deck Lift Linkage Rods, showing their full length and hook design.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your DABAZUALY GX24864 Mower Deck Lift Linkage Rod Kit, please contact the manufacturer directly through their official website or the retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims.

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