John Deere BG20029

John Deere OEM 42-lb Rear Weight (BG20029) Instruction Manual

Enhancing Tractor Balance and Traction

1. Introduction

This manual provides essential information for the safe and effective use of your John Deere OEM 42-lb Rear Weight, model BG20029. This weight is designed to improve traction and stability for various John Deere tractors, especially when operating with front-mounted attachments such as snowblowers or blades. Proper installation and use are crucial for optimal performance and safety.



Figure 1: Front view of the John Deere 42-lb Rear Weight, showcasing the iconic deer logo and integrated handle.

2. Safety Information

Always prioritize safety when handling and installing heavy equipment. Failure to follow safety guidelines can result in serious injury or property damage.

- **Weight Handling:** The weight is 42 pounds (19 kg). Use proper lifting techniques or assistance to prevent back injuries.
- **Secure Attachment:** Ensure the weight is securely attached to the tractor's rear weight bracket. Loose weights can detach during operation, posing a hazard.
- **Tractor Stability:** Adding rear weight changes the tractor's center of gravity. Operate the tractor cautiously, especially on slopes or uneven terrain.
- **Compatibility:** Verify that your tractor model is compatible with this specific rear weight and its mounting system. Refer to your tractor's owner's manual for weight capacity and attachment instructions.

- **Children and Bystanders:** Keep children and bystanders away from the work area during installation and operation.

3. Setup and Installation

The John Deere 42-lb Rear Weight is designed for easy installation on compatible John Deere tractors equipped with a rear weight bracket. This weight is commonly referred to as a 'suitcase weight' due to its design.

1. **Prepare the Tractor:** Park the tractor on a level surface, engage the parking brake, and turn off the engine.
2. **Identify Mounting Points:** Locate the rear weight bracket on your John Deere tractor. These brackets typically have slots or pins designed to accept suitcase weights.
3. **Lift and Position:** Carefully lift the 42-lb weight using the integrated handle. Align the weight's attachment slot with the corresponding pin or slot on the tractor's rear weight bracket.
4. **Secure the Weight:** Slide the weight onto the bracket until it is fully seated. Depending on your tractor model and bracket design, additional pins or clips (not included with the weight) may be required to secure it in place. Ensure all weights are firmly attached and cannot shift during operation.
5. **Multiple Weights:** If installing multiple weights, stack them according to your tractor's specifications and ensure each is individually secured or the stack is collectively fastened.



Figure 2: Side view of the weight, highlighting the attachment slot for mounting onto a tractor's weight bracket.

4. Operating Guidelines

The primary purpose of the John Deere 42-lb Rear Weight is to provide additional ballast to the rear of your tractor, improving traction and stability.

- **Improved Traction:** Essential when using front-mounted implements like snowblowers, front loaders, or blades, which can lighten the rear of the tractor and reduce drive wheel traction.
- **Enhanced Stability:** Increases overall tractor stability, particularly when operating on uneven terrain or when lifting heavy loads with front attachments.
- **Optimal Performance:** Using the correct amount of rear weight helps maintain proper balance, reducing wear on the tractor's components and improving operational efficiency.
- **Adjust as Needed:** The number of weights required will vary based on the specific task, the weight of the front attachment, and the terrain. Always refer to your tractor's owner's manual for recommended ballast configurations.

5. Maintenance

The John Deere 42-lb Rear Weight is constructed from durable cast iron with a protective green finish, designed for longevity with minimal maintenance.

- **Cleaning:** Periodically clean the weight with a damp cloth to remove dirt and debris. Avoid harsh chemicals that could damage the paint.
- **Inspection:** Before each use, inspect the weight for any signs of damage, cracks, or excessive wear. Ensure the attachment points are free from rust or deformation.
- **Storage:** Store weights in a dry, protected area when not in use to prevent rust and prolong their lifespan.
- **Paint Condition:** The paint/powder coating is designed to be robust. Minor chips or scratches can be touched up with John Deere green paint to maintain appearance and prevent rust.

6. Troubleshooting

Most issues related to rear weights are due to improper installation or incorrect quantity for the task.

- **Insufficient Traction:** If the tractor still lacks traction with the weights installed, consider adding more weights (within the tractor's specified limits) or checking tire pressure.
- **Unstable Operation:** Ensure all weights are securely fastened. If instability persists, reduce speed, re-evaluate the weight distribution, or consult your tractor's manual.
- **Difficulty Attaching/Removing:** Check for obstructions or debris in the attachment slots. Ensure the weight is aligned correctly with the bracket pins.

7. Specifications

Feature	Specification
Brand	John Deere
Model Number	BG20029

Feature	Specification
Item Weight	42 lbs (19 kg)
Product Dimensions	Approximately 10 x 10 x 10 inches (Note: Actual dimensions may vary slightly based on casting)
Color	Green
Material	Cast Iron
UPC	759936589218
Compatibility	Designed for various John Deere E100, G110, L100, L110, L111, L118, L120, X106 series tractors and others with compatible rear weight brackets.

8. Warranty and Support

For specific warranty information regarding the John Deere OEM 42-lb Rear Weight (BG20029), please refer to the documentation provided with your purchase or contact an authorized John Deere dealer directly. Warranty terms and conditions may vary.

For technical support, parts inquiries, or further assistance, please contact your local authorized John Deere dealer or visit the official John Deere website. Always provide your product model number (BG20029) when seeking support.

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