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Dixie Chopper 300502

Dixie Chopper 90 Degree Deck Hanger Instruction Manual

Part Number: 300502

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Dixie Chopper 90 Degree Deck Hanger, Part #300502. Please read these instructions thoroughly before attempting any installation or maintenance procedures to ensure safety and optimal performance of your lawn mower.

2. Product Overview

The Dixie Chopper 90 Degree Deck Hanger (Part #300502) is a genuine replacement component designed for Dixie Chopper lawn mowers. This part is crucial for supporting the mower deck and maintaining its correct height and level during operation. It is constructed from durable metal with a rubber and plastic housing, ensuring longevity and reliable performance.



Figure 1: Dixie Chopper 90 Degree Deck Hanger, Part #300502. This image shows the complete deck hanger component, featuring its metal rod and rubber/plastic housing.

3. Compatibility

This 90 Degree Deck Hanger (Part #300502) is compatible with various Dixie Chopper lawn mower models. It is essential to verify the original Dixie Chopper part number in your owner's manual or on the appropriate parts diagram for your specific model to ensure correct fitment.

Known Compatible Models Include:

- **Magnum Series:** 2012 Magnum Briggs, 2012 Magnum Kawasaki, 2013 Magnum 2244, 2013 Magnum 2250, 2013 Magnum 2350EFI, 2013 Magnum 2460, 2013 Magnum Kawasaki, 2014 Magnum 2244R, 2014 Magnum 2250HP, 2014 Magnum 2250R, 2014 Magnum 2350EFI, 2014 Magnum 2460HP, 2014 Magnum 2460R, 2015 Magnum, 2016 Magnum, 2016 Magnum Rev1, 2016 Magnum Rev2, 2017 Magnum, 2018 Magnum, MID2013 Magnum 2244, MID2013 Magnum 2250
- **Zee 2 Series:** 2013 Zee 2, 2015 Zee 2, 2016 Zee 2, 2016 Zee 2 Rev1, 2017 Zee 2, 2018 Zee 2
- **Other Models:** 2044 (2008), 2250 (2012), 2344 (2009, 2010, 2011), 2350 (2008, 2009, 2010), 2460 (2012), 2560

(2008, 2009, 2010), 2650 (2011), 2750 (2010, 2011, 2012), 2760 (2010, 2011, 2012)

This list may not be exhaustive. Always consult your mower's owner's manual for the most accurate compatibility information.

4. Installation

The 90 Degree Deck Hanger is a replacement part. Installation typically involves removing the old, damaged hanger and securing the new one in its place. It is recommended to consult your specific mower's service manual for detailed, model-specific installation instructions.

General Installation Steps:

1. **Safety First:** Ensure the lawn mower is turned off, the engine is cool, and the spark plug wire is disconnected to prevent accidental starting. Engage the parking brake.
2. **Access the Deck Hanger:** Depending on your mower model, you may need to raise the mower deck or remove certain covers to access the deck hanger.
3. **Remove Old Hanger:** Carefully remove any retaining nuts, cotter pins, or clips securing the old deck hanger. Note the orientation of the old hanger for correct installation of the new part.
4. **Install New Hanger:** Position the new Dixie Chopper 90 Degree Deck Hanger (Part #300502) in the correct location.
5. **Secure the Hanger:** Re-attach any retaining nuts, cotter pins, or clips. **Note:** This replacement part typically includes only the hanger itself. You will need to reuse your existing lock nut and provide a new cotter pin or spring pin, as these are not included with the hanger. Ensure all fasteners are tightened securely according to your mower's specifications.
6. **Verify Installation:** After installation, check that the deck hanger is securely in place and allows for proper deck movement and height adjustment.

If you are unsure about any step, it is advisable to seek assistance from a qualified service technician.

5. Operating Function

The 90 Degree Deck Hanger is a static component that provides structural support for the mower deck. Once correctly installed, its function is passive, ensuring the deck remains at the selected cutting height and maintains proper leveling during mower operation. There are no active operational steps required for the hanger itself beyond its initial installation and periodic inspection.

6. Maintenance

Regular inspection of the deck hanger is important to ensure the continued safe and effective operation of your lawn mower.

- **Visual Inspection:** Periodically inspect the deck hanger for signs of wear, bending, cracks, or corrosion. Check the rubber and plastic housing for damage.
- **Fastener Check:** Ensure that the retaining nut and cotter pin (or spring pin) are securely in place and not loose or missing. Tighten any loose fasteners.
- **Cleaning:** Keep the deck hanger free from excessive dirt, grass clippings, and debris, which can accelerate wear or obscure damage.
- **Replacement:** If the deck hanger shows significant signs of wear, damage, or bending, it should be replaced immediately to prevent further damage to the mower deck or an uneven cut.

7. Troubleshooting

If you experience issues related to your mower deck's stability or height, the deck hanger may be a contributing factor.

- **Uneven Cut or Deck Sagging:**
  - **Possible Cause:** Damaged, bent, or improperly installed deck hanger. Missing or loose retaining hardware.
  - **Solution:** Inspect the deck hanger for physical damage. Ensure it is correctly installed and all fasteners (nut, cotter pin) are present and tight. Replace the hanger if damaged.
- **Excessive Vibration from Deck:**
  - **Possible Cause:** Loose or worn deck hanger allowing excessive movement.
  - **Solution:** Check for looseness in the hanger's mounting points. Tighten or replace as necessary.

Always ensure the mower is off and safe before performing any inspection or troubleshooting.

8. Specifications

Part Number	300502
Type	90 Degree Deck Hanger
Material	Metal, Rubber, Plastic
Dimensions (Thread)	3/8"-16 x 4.375"
Item Weight	2.4 ounces
Package Quantity	1 (one) Dixie Chopper 90 Degree Deck Hanger

9. Warranty and Support

For information regarding the warranty of your Dixie Chopper 90 Degree Deck Hanger (Part #300502), please refer to the documentation provided with your original lawn mower or contact Dixie Chopper customer support directly. For technical assistance or further inquiries, please reach out to an authorized Dixie Chopper dealer or the manufacturer's customer service department.

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